



FCC RADIO TEST REPORT

FCC ID : PY7-15465A
Equipment : GSM/WCDMA/LTE Phone with BT, DTS/UNII
a/b/g/n/ac, GPS, FM Receiver and NFC
Brand Name : SONY
Applicant : Sony Corporation
1-7-1 Konan Minato-ku Tokyo, 108-0076 Japan
Manufacturer : Sony Corporation
1-7-1 Konan Minato-ku Tokyo, 108-0076 Japan
Standard : FCC Part 15 Subpart E §15.407
Test Date(s) : Oct. 18, 2021 ~ Dec. 23, 2021

We, Sporton International (Kunshan) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (Kunshan) Inc., the test report shall not be reproduced except in full.

Jason Jia

Reviewed by: Jason Jia / Supervisor

Alex Wang

Approved by: Alex Wang / Manager



Sporton International (Kunshan) Inc.

**No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China**



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History of this test report

Report No.	Version	Description	Issued Date
FR1O1906E	01	Initial issue of report	Dec.15, 2021
FR1O1906E	02	1. Update 99% BW test plot. 2. Update Section 3.3.3 Power Spectral Density test procedure. 3. Update UNII Band 2C VHT20/40 output power 4. Update RSE for HT40/VHT80 modes of straddle channel and co-location mode below 1GHz test data	Dec. 24, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 3.76 dB at 5459.60 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 7.52 dB at 0.171 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.



1 General Description

1.1 Product Feature of Equipment Under Test

GSM/WCDMA/LTE, Bluetooth, DTS/UNII a/b/g/n/ac, NFC, FM Receiver and GNSS.

Product Specification subjective to this standard	
Antenna Type / Gain	<5150 MHz ~ 5250 MHz>
	PIFA Antenna with gain -1.40 dBi
	<5250 MHz ~ 5350 MHz>
	PIFA Antenna with gain -1.20 dBi
	<5470 MHz ~ 5725 MHz>
	PIFA Antenna with gain -1.00 dBi

Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

EUT Information List			
HW Version	SW Version	S/N	Performed Test Item
A	0.48	HQ618X02D2	RF conducted measurement
	0.106	HQ61B2014B	Radiated Spurious Emission
	0.106	HQ618X0253	AC Conducted Emission

Note: For other wireless features of this EUT, test report will be issued separately.

1.2 Modification of EUT

No modifications are made to the EUT during all test items.

1.3 Testing Location

Sporton International (Kunshan) Inc. is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International (Kunshan) Inc.		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 FAX : +86-512-57900958		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	CO01-KS 03CH05-KS TH01-KS	CN1257	314309



1.4 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2013

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find Y plane as worst plane.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42 [#]	5210		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58 [#]	5290		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106 [#]	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
TDWR Channel	118*	5590	124	5620
	120	5600	126*	5630
	122 [#]	5610	128	5640

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138 [#]	5690	144	5720
	142*	5710		

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel in "[#]" were 802.11ac VHT80.

2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0

Remark: Since the verify power, the same operating range bandwidth and smaller power can be covered by the higher power.

Co-location Mode
GSM1900 Link + WLAN 5GHz Link (802.11ac VHT80 Ch.106) + BT Link (BLE 5.0 Ch.39)

Test Cases	
AC Conducted Emission	Mode 1 : GSM850 Idle + Bluetooth Idle + WLAN (5GHz) Idle + Earphone + USB Cable (Charging from AC Adapter)

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

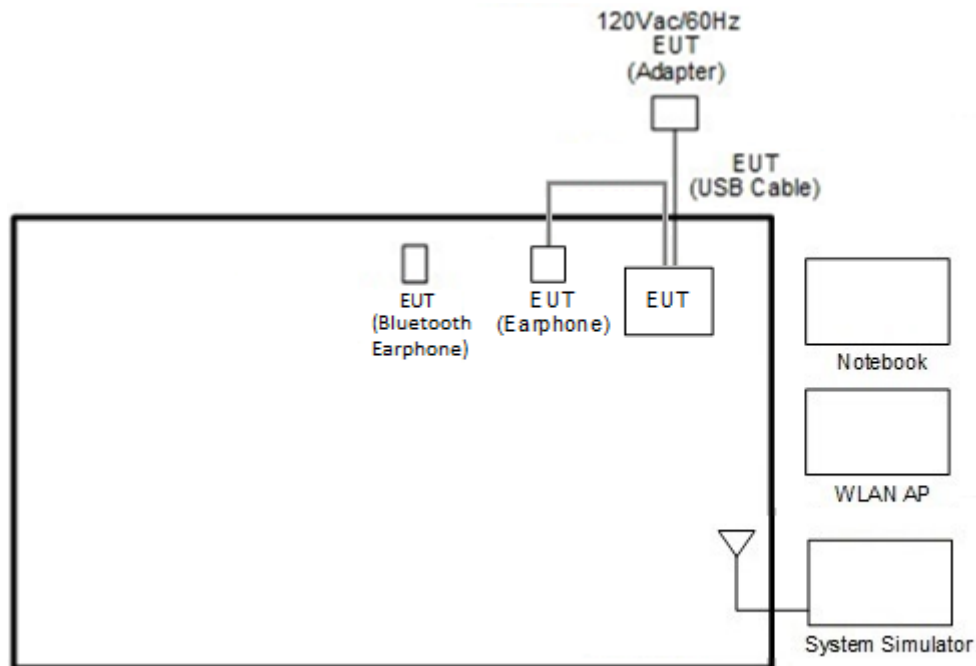
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

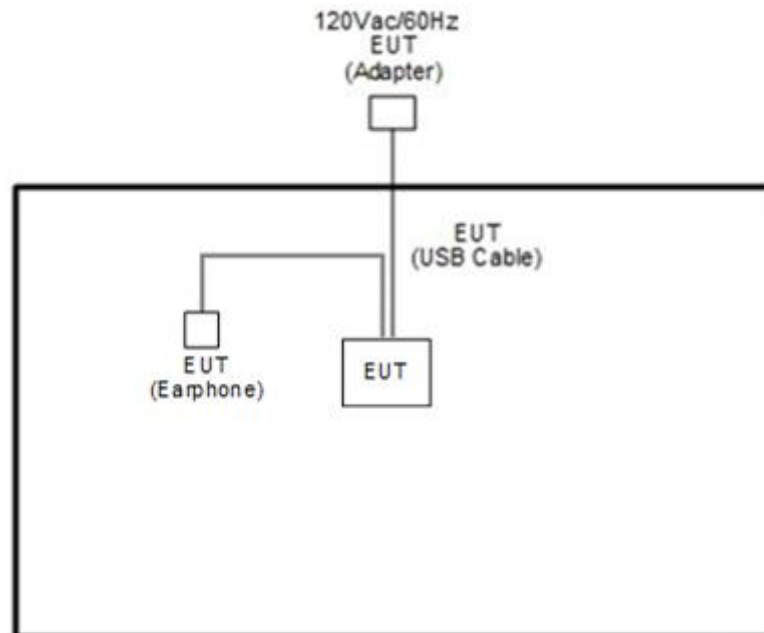
Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN TX Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Base Station	Anritsu	MT8821C	N/A	N/A	Unshielded,1.8m
2.	WLAN AP	D-link	DIR-655	KA21R655B1	N/A	Unshielded,1.8m
3.	Notebook	Dell	G480	QDS-BRCM1050I	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
4.	SD Card	Kingston	8GB	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “FTM” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss.

Offset = RF cable loss.

Following shows an offset computation example with cable loss 6.8 dB.

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)}. \\
 &= 6.8 \text{ (dB)}
 \end{aligned}$$

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

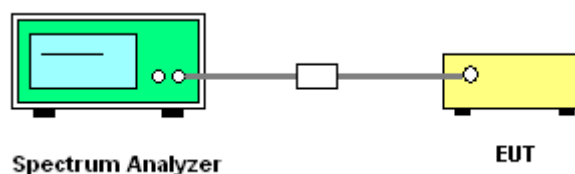
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

3.1.4 Test Setup

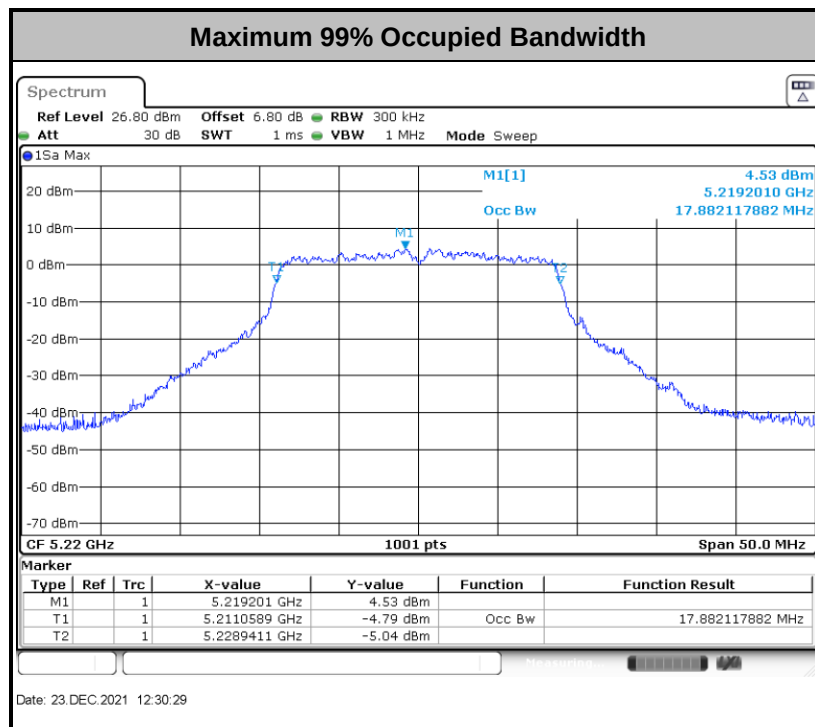
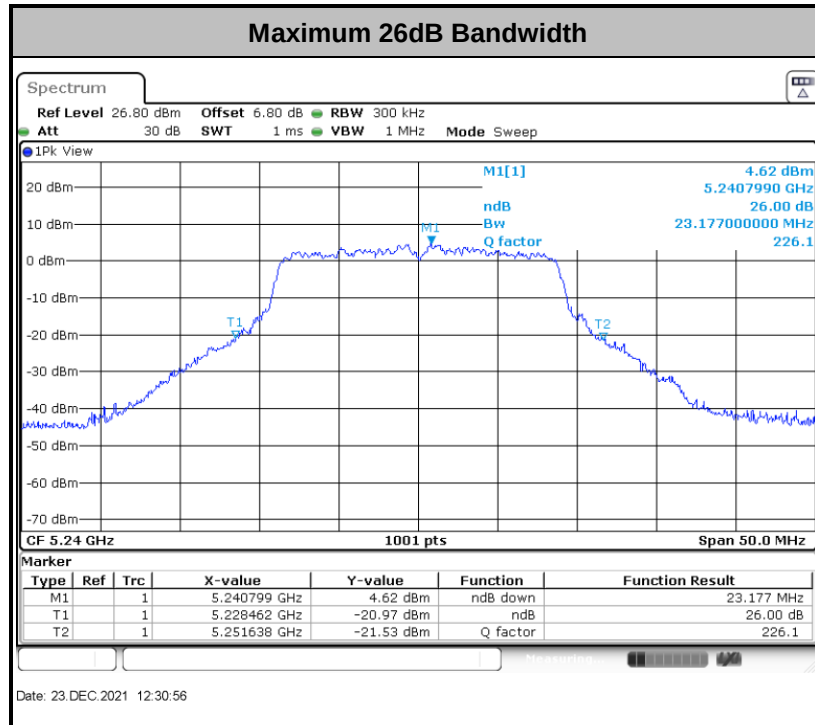




3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

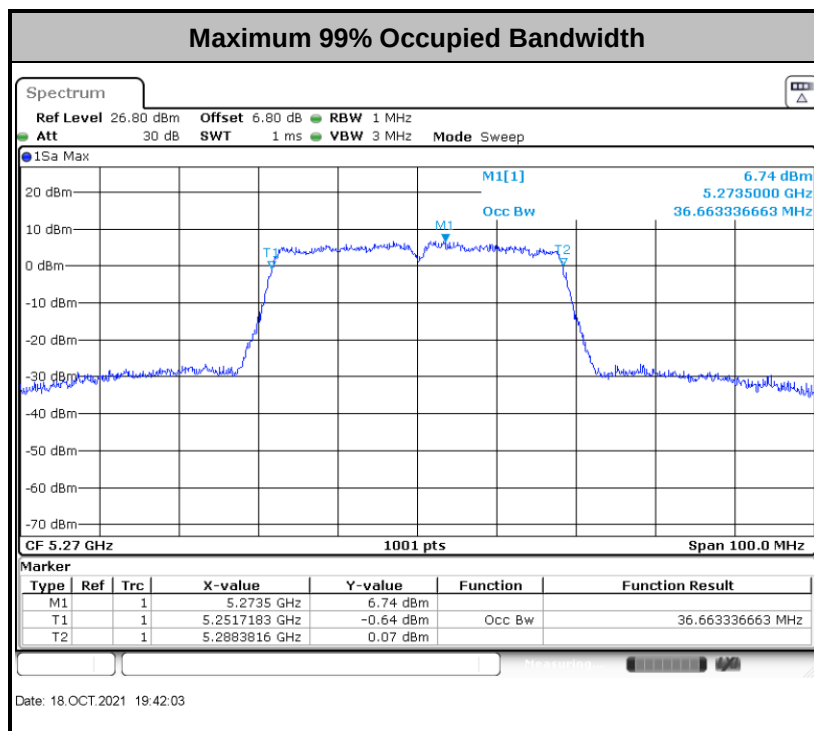
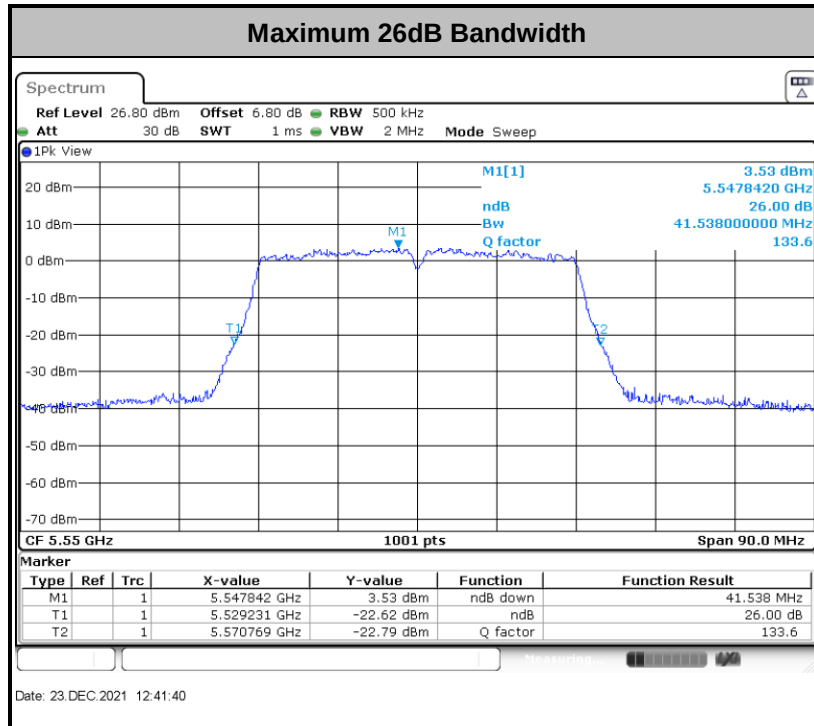
Please refer to Appendix A.

<For 20MHz>

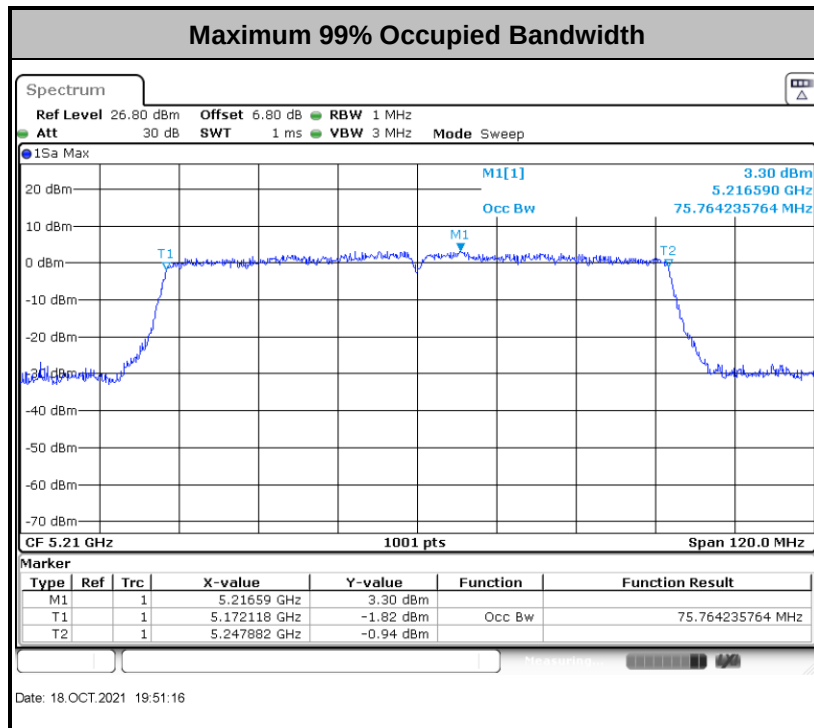
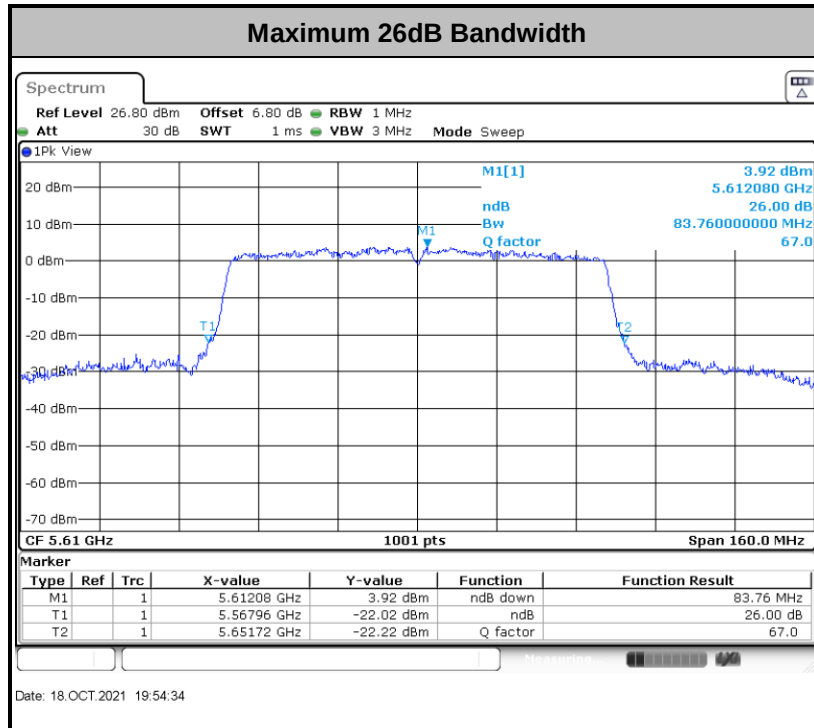




<For 40MHz>



<For 80MHz>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

■ For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the 5.25–5.725 GHz bands:

■ The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

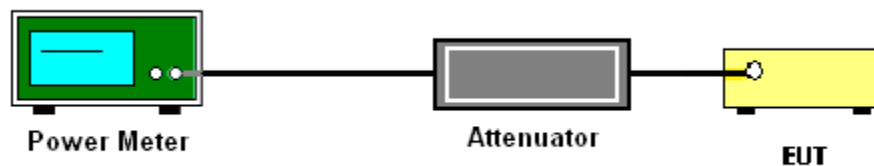
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

Method PM (Measurement using an RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, $10 \log(1/x)$, where x is the duty cycle.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

For the 5.25–5.725 GHz bands:

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

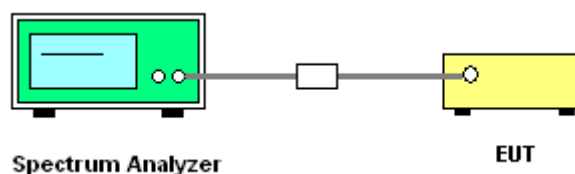
3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

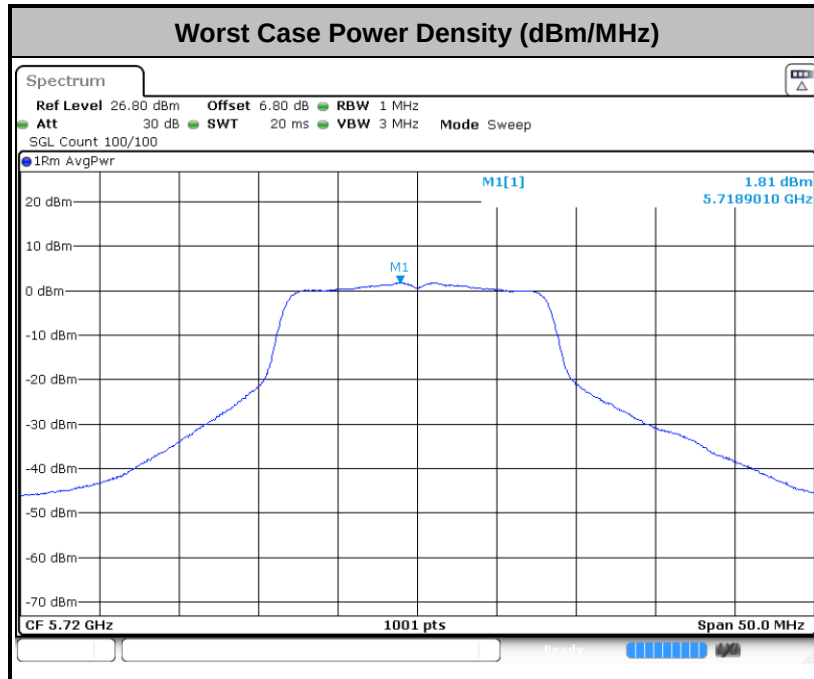
The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section F. Maximum power spectral density.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



Note: Average Power Density (dB) = Measured value+ Duty Factor

3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.4.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27dBm/MHz.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

- (2) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Note: The following formula is used to convert the EIRP to field strength.

$$E = \frac{1000000\sqrt{30P}}{3} \quad \mu\text{V/m, where P is the eirp (Watts)}$$

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3

(3) KDB789033 D02 v02r01 G)2)c)

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

- RBW = 120 kHz
- VBW = 300 kHz
- Detector = Peak
- Trace mode = max hold

(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

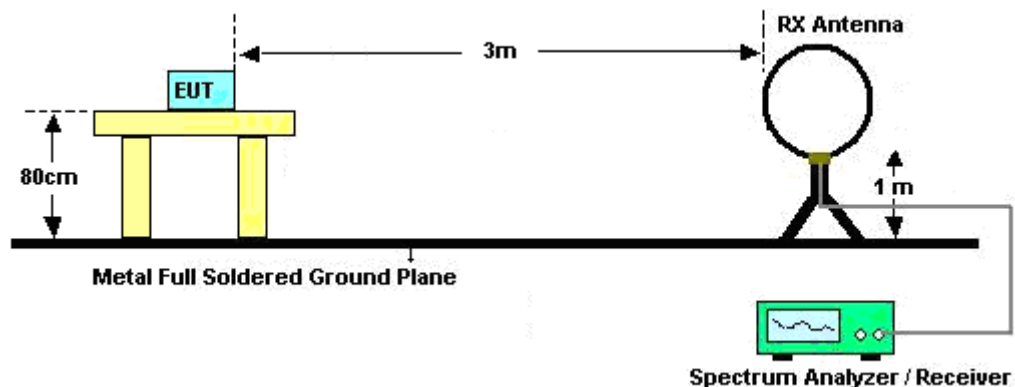
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

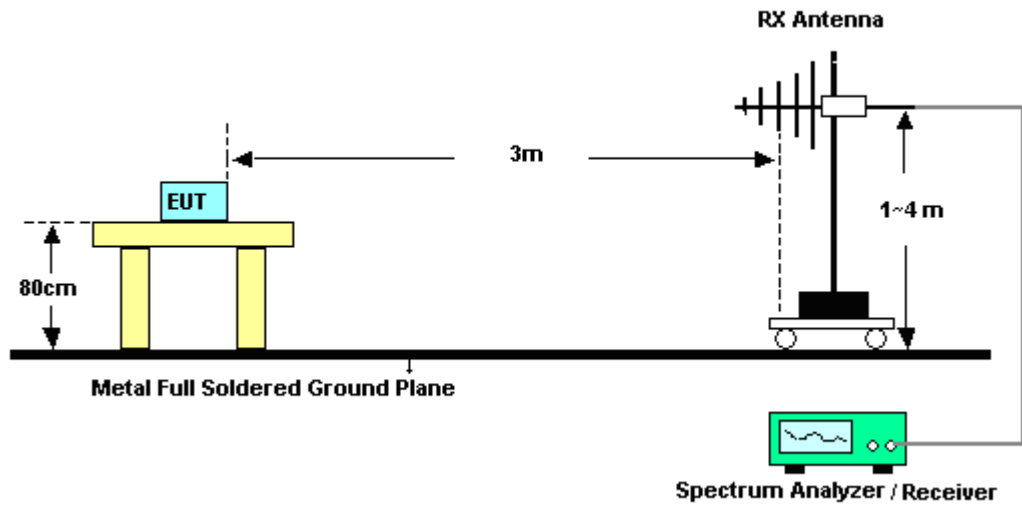
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1 GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1 GHz, the emission level of the EUT in peak mode was 20 dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

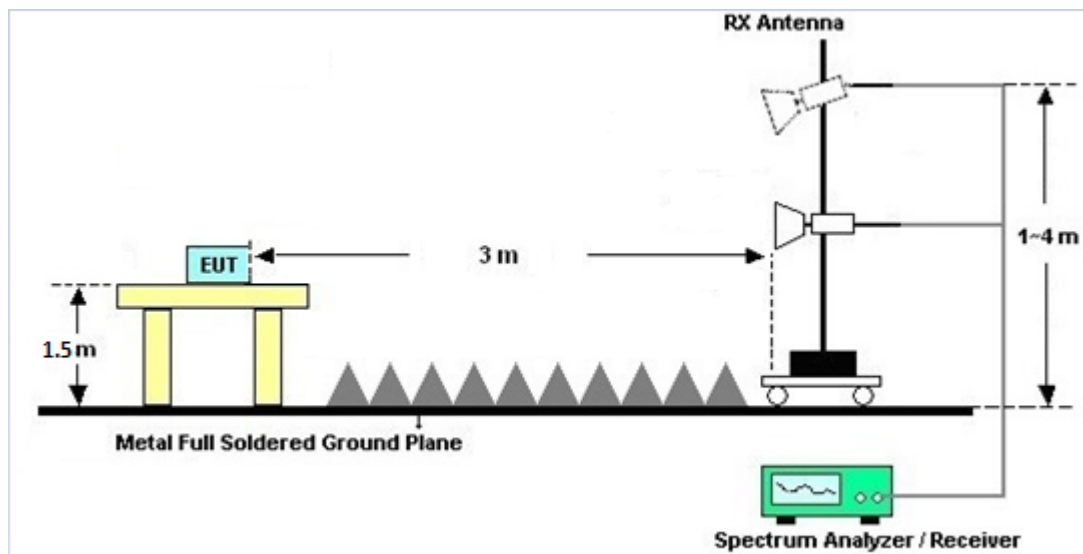
For radiated emissions below 30MHz



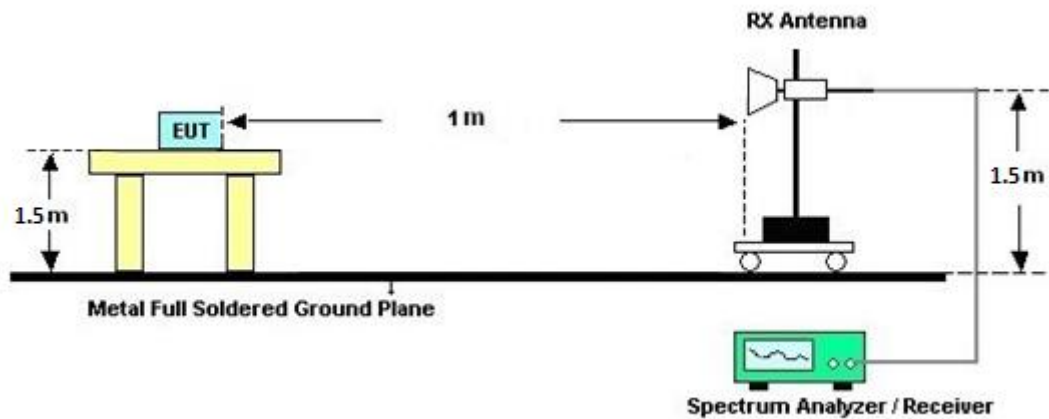
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.4.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

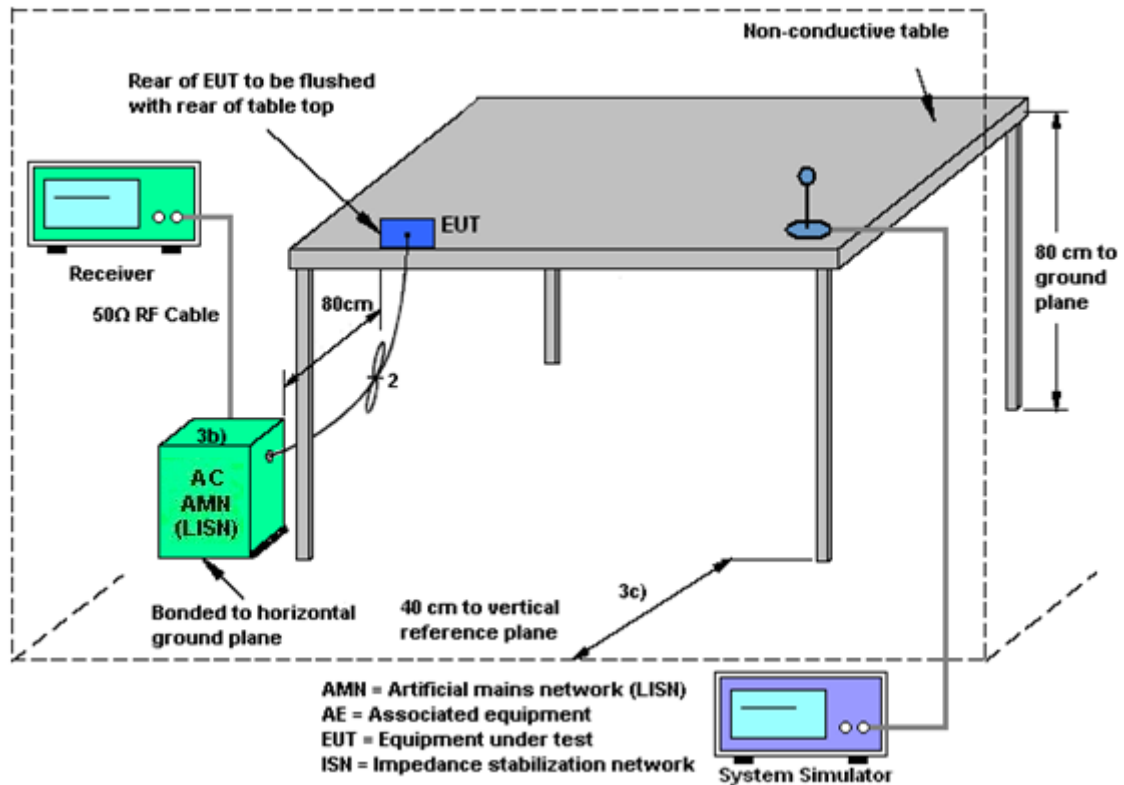
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.



3.7 Antenna Requirements

3.7.1 Standard Applicable

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Oct. 14, 2021	Oct. 18, 2021~Dec. 23, 2021	Oct. 13, 2022	Conducted (TH01-KS)
Pulse Power Sensor	Anritsu	MA2411B	0917070	300MHz~40GHz	Jan. 07, 2021	Oct. 18, 2021~Dec. 23, 2021	Jan. 06, 2022	Conducted (TH01-KS)
Power Meter	Anritsu	ML2495A	1005002	50MHz Bandwidth	Jan. 07, 2021	Oct. 18, 2021~Dec. 23, 2021	Jan. 06, 2022	Conducted (TH01-KS)
EMI Test Receiver	Keysight	N9038A	MY56400004	3Hz~8.5GHz; Max 30dBm	Oct. 16, 2021	Nov. 24, 2021	Oct. 15, 2022	Radiation (03CH05-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55150244	10Hz~44GHz, MAX 30dB	Apr.13, 2021	Nov. 24, 2021	Apr. 12, 2022	Radiation (03CH05-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Oct. 30, 2021	Nov. 24, 2021	Oct. 29, 2022	Radiation (03CH05-KS)
Bilog Antenna	TeseQ	CBL6111D	49922	30MHz~1GHz	Jun. 04, 2021	Nov. 24, 2021	Jun. 03, 2022	Radiation (03CH05-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00218652	1GHz~18GHz	Apr. 24, 2021	Nov. 24, 2021	Apr. 23, 2022	Radiation (03CH05-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 06, 2021	Nov. 24, 2021	Jan. 05, 2022	Radiation (03CH05-KS)
Amplifier	SONOMA	310N	187289	9KHz~1GHz	Apr. 12, 2021	Nov. 24, 2021	Apr. 11, 2022	Radiation (03CH05-KS)
Amplifier	MITEQ	EM18G40GGA	060728	18~40GHz	Jan. 07, 2021	Nov. 24, 2021	Jan. 06, 2022	Radiation (03CH05-KS)
high gain Amplifier	MITEQ	AMF-7D-00101800-30-10P	2012228	1Ghz~18Ghz	Oct. 16, 2021	Nov. 24, 2021	Oct. 15, 2022	Radiation (03CH05-KS)
Amplifier	Keysight	83017A	MY53270316	500MHz~26.5GHz	Oct. 16, 2021	Nov. 24, 2021	Oct. 15, 2022	Radiation (03CH05-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Nov. 24, 2021	NCR	Radiation (03CH05-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Nov. 24, 2021	NCR	Radiation (03CH05-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Nov. 24, 2021	NCR	Radiation (03CH05-KS)
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	Apr. 21, 2021	Oct. 27, 2021	Apr. 20, 2022	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 14, 2021	Oct. 27, 2021	Oct. 13, 2022	Conduction (CO01-KS)
AC LISN	R&S	ENV216	100334	9kHz~30MHz	Oct. 14, 2021	Oct. 27, 2021	Oct. 13, 2022	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000811	AC 0V~300V, 45Hz~1000Hz	Oct. 14, 2021	Oct. 27, 2021	Oct. 13, 2022	Conduction (CO01-KS)

NCR: No Calibration Required.



5 Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.9dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0dB
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Appendix A. Conducted Test Results

Test Engineer:	Jack Fan	Temperature:	21~25	°C
Test Date:	2021/10/18~2021/12/23	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)		
11a	6Mbps	1	36	5180	16.68	21.68	-	22.22		
11a	6Mbps	1	44	5220	16.68	21.53	-	22.22		
11a	6Mbps	1	48	5240	16.68	21.93	-	22.22		
HT20	MCS0	1	36	5180	17.88	22.28	-	22.52		
HT20	MCS0	1	44	5220	17.88	22.98	-	22.52		
HT20	MCS0	1	48	5240	17.88	23.18	-	22.52		
HT40	MCS0	1	38	5190	36.56	41.36	-	23.01		
HT40	MCS0	1	46	5230	36.46	41.26	-	23.01		
VHT80	MCS0	1	42	5210	75.76	83.44	-	23.01		

TEST RESULTS DATA
Average Power Table

U-NII-1										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)		Pass/Fail
11a	6Mbps	1	36	5180	-	12.74	24.00	-1.40		Pass
11a	6Mbps	1	44	5220	-	12.25	24.00	-1.40		Pass
11a	6Mbps	1	48	5240	-	12.18	24.00	-1.40		Pass
HT20	MCS0	1	36	5180	-	12.62	24.00	-1.40		Pass
HT20	MCS0	1	44	5220	-	12.16	24.00	-1.40		Pass
HT20	MCS0	1	48	5240	-	12.20	24.00	-1.40		Pass
HT40	MCS0	1	38	5190	0.16	13.07	24.00	-1.40		Pass
HT40	MCS0	1	46	5230	0.16	12.62	24.00	-1.40		Pass
VHT20	MCS0	1	36	5180	-	12.55	24.00	-1.40		Pass
VHT20	MCS0	1	44	5220	-	12.16	24.00	-1.40		Pass
VHT20	MCS0	1	48	5240	-	12.22	24.00	-1.40		Pass
VHT40	MCS0	1	38	5190	0.16	13.07	24.00	-1.40		Pass
VHT40	MCS0	1	46	5230	0.16	12.54	24.00	-1.40		Pass
VHT80	MCS0	1	42	5210	0.31	12.09	24.00	-1.40		Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-1										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	-	Pass/Fail
11a	6Mbps	1	36	5180	-	1.77	11.00	-1.40		Pass
11a	6Mbps	1	44	5220	-	1.26	11.00	-1.40		Pass
11a	6Mbps	1	48	5240	-	1.37	11.00	-1.40		Pass
HT20	MCS0	1	36	5180	-	1.40	11.00	-1.40		Pass
HT20	MCS0	1	44	5220	-	0.98	11.00	-1.40		Pass
HT20	MCS0	1	48	5240	-	0.99	11.00	-1.40		Pass
HT40	MCS0	1	38	5190	0.16	-1.07	11.00	-1.40		Pass
HT40	MCS0	1	46	5230	0.16	-1.54	11.00	-1.40		Pass
VHT80	MCS0	1	42	5210	0.31	-5.13	11.00	-1.40		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	FCC 26dB Bandwidth Power Limit (dBm)	Note
11a	6M bps	1	52	5260	16.68	21.58	23.22	29.22	23.98	
11a	6M bps	1	60	5300	16.68	21.68	23.22	29.22	23.98	
11a	6M bps	1	64	5320	16.68	22.38	23.22	29.22	23.98	
HT20	MCS 0	1	52	5260	17.88	22.83	23.52	29.52	23.98	
HT20	MCS 0	1	60	5300	17.88	22.83	23.52	29.52	23.98	
HT20	MCS 0	1	64	5320	17.88	22.93	23.52	29.52	23.98	
HT40	MCS 0	1	54	5270	36.66	41.36	23.98	30.00	23.98	
HT40	MCS 0	1	62	5310	36.56	41.18	23.98	30.00	23.98	
VHT80	MCS 0	1	58	5290	75.76	83.28	23.98	30.00	23.98	

TEST RESULTS DATA
Average Power Table

U-NII-2A										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
11a	6M bps	1	52	5260	-	12.26	23.98	-1.20	26.99	Pass
11a	6M bps	1	60	5300	-	12.46	23.98	-1.20	26.99	Pass
11a	6M bps	1	64	5320	-	12.28	23.98	-1.20	26.99	Pass
HT20	MCS 0	1	52	5260	-	12.27	23.98	-1.20	26.99	Pass
HT20	MCS 0	1	60	5300	-	12.22	23.98	-1.20	26.99	Pass
HT20	MCS 0	1	64	5320	-	12.11	23.98	-1.20	26.99	Pass
HT40	MCS 0	1	54	5270	0.16	12.55	23.98	-1.20	26.99	Pass
HT40	MCS 0	1	62	5310	0.16	12.64	23.98	-1.20	26.99	Pass
VHT20	MCS 0	1	52	5260	-	12.20	23.98	-1.20	26.99	Pass
VHT20	MCS 0	1	60	5300	-	12.23	23.98	-1.20	26.99	Pass
VHT20	MCS 0	1	64	5320	-	12.12	23.98	-1.20	26.99	Pass
VHT40	MCS 0	1	54	5270	0.16	12.41	23.98	-1.20	26.99	Pass
VHT40	MCS 0	1	62	5310	0.16	12.10	23.98	-1.20	26.99	Pass
VHT80	MCS 0	1	58	5290	0.31	12.04	23.98	-1.20	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)		Pass/Fail
11a	6M bps	1	52	5260	-	1.15	11.00	-1.20		Pass
11a	6M bps	1	60	5300	-	1.31	11.00	-1.20		Pass
11a	6M bps	1	64	5320	-	0.82	11.00	-1.20		Pass
HT20	MCS 0	1	52	5260	-	0.77	11.00	-1.20		Pass
HT20	MCS 0	1	60	5300	-	0.72	11.00	-1.20		Pass
HT20	MCS 0	1	64	5320	-	0.36	11.00	-1.20		Pass
HT40	MCS 0	1	54	5270	0.16	-1.84	11.00	-1.20		Pass
HT40	MCS 0	1	62	5310	0.16	-1.94	11.00	-1.20		Pass
VHT80	MCS 0	1	58	5290	0.31	-4.88	11.00	-1.20		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	FCC 26dB Bandwidth Power Limit (dBm)	Note
11a	6M bps	1	100	5500	16.73	22.33	23.24	29.24	23.98	
11a	6M bps	1	116	5580	16.73	22.13	23.24	29.24	23.98	
11a	6M bps	1	140	5700	16.68	21.53	23.22	29.22	23.98	
11a	6Mbps	1	144	5720	16.73	22.43	23.24	29.24	23.98	
HT20	MCS 0	1	100	5500	17.88	22.93	23.52	29.52	23.98	
HT20	MCS 0	1	116	5580	17.88	22.78	23.52	29.52	23.98	
HT20	MCS 0	1	140	5700	17.88	22.73	23.52	29.52	23.98	
HT20	MCS0	1	144	5720	17.88	22.93	23.52	29.52	23.98	
HT40	MCS 0	1	102	5510	36.66	41.36	23.98	30.00	23.98	
HT40	MCS 0	1	110	5550	36.56	41.54	23.98	30.00	23.98	
HT40	MCS 0	1	134	5670	36.56	41.36	23.98	30.00	23.98	
HT40	MCS0	1	142	5710	36.56	41.36	23.98	30.00	23.98	
VHT80	MCS 0	1	106	5530	75.64	83.44	23.98	30.00	23.98	
VHT80	MCS 0	1	122	5610	75.64	83.76	23.98	30.00	23.98	
VHT80	MCS0	1	138	5690	75.76	83.28	23.98	30.00	23.98	

TEST RESULTS DATA
Average Power Table

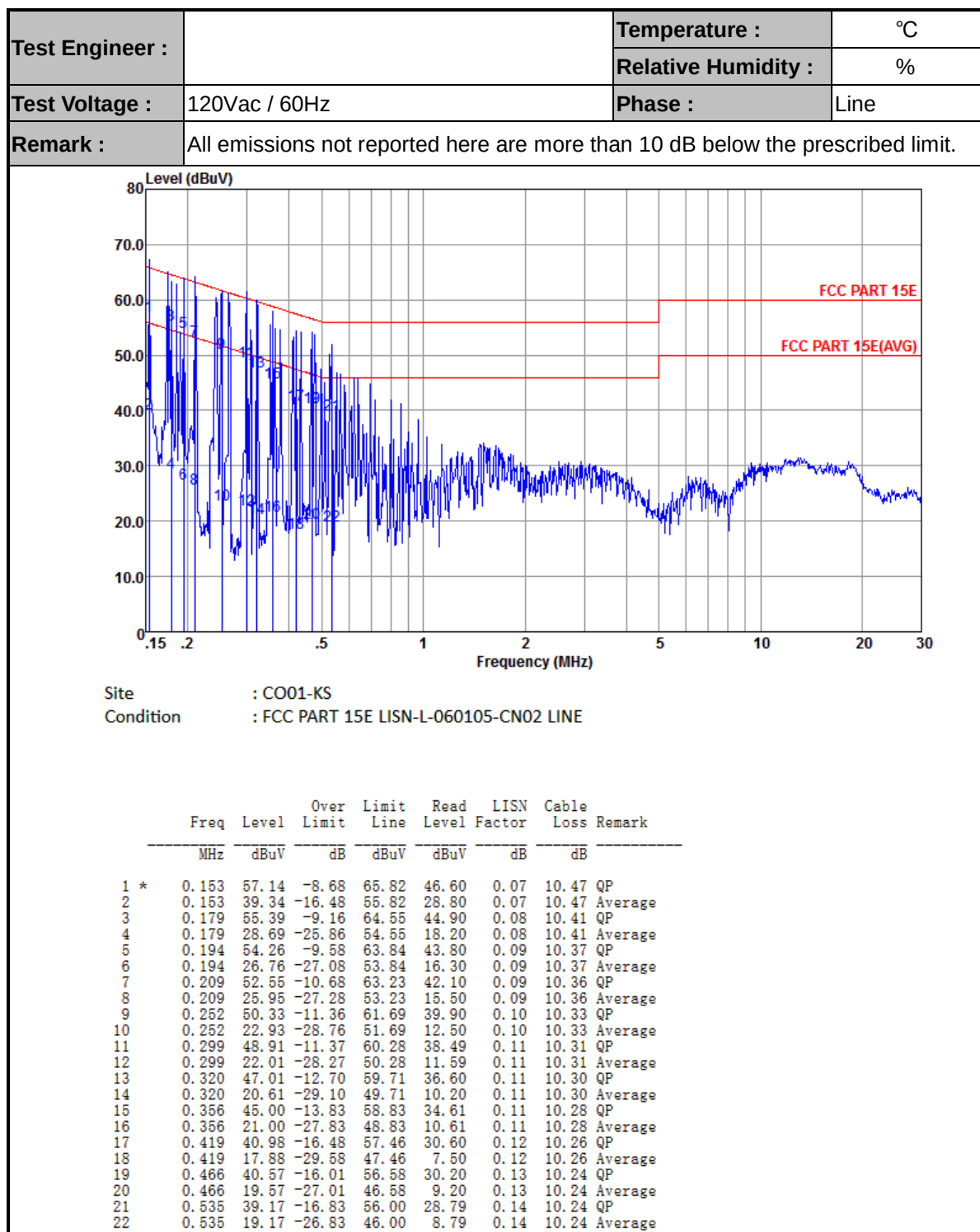
U-NII-2C										
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
11a	6M bps	1	100	5500	-	12.40	23.98	-1.00	26.99	Pass
11a	6M bps	1	116	5580	-	12.58	23.98	-1.00	26.99	Pass
11a	6M bps	1	140	5700	-	12.71	23.98	-1.00	26.99	Pass
11a	6Mbps	1	144	5720	-	12.83	23.98	-1.00	26.99	Pass
HT20	MCS 0	1	100	5500	-	12.18	23.98	-1.00	26.99	Pass
HT20	MCS 0	1	116	5580	-	12.46	23.98	-1.00	26.99	Pass
HT20	MCS 0	1	140	5700	-	12.71	23.98	-1.00	26.99	Pass
HT20	MCS0	1	144	5720	-	12.58	23.98	-1.00	26.99	Pass
HT40	MCS 0	1	102	5510	0.16	12.41	23.98	-1.00	26.99	Pass
HT40	MCS 0	1	110	5550	0.16	12.88	23.98	-1.00	26.99	Pass
HT40	MCS 0	1	134	5670	0.16	13.18	23.98	-1.00	26.99	Pass
HT40	MCS0	1	142	5710	0.16	13.06	23.98	-1.00	26.99	Pass
VHT20	MCS 0	1	100	5500	-	12.09	23.98	-1.00	26.99	Pass
VHT20	MCS 0	1	116	5580	-	12.69	23.98	-1.00	26.99	Pass
VHT20	MCS 0	1	140	5700	-	12.68	23.98	-1.00	26.99	Pass
VHT20	MCS0	1	144	5720	-	12.63	23.98	-1.00	26.99	Pass
VHT40	MCS 0	1	102	5510	0.16	12.74	23.98	-1.00	26.99	Pass
VHT40	MCS 0	1	110	5550	0.16	12.44	23.98	-1.00	26.99	Pass
VHT40	MCS 0	1	134	5670	0.16	12.97	23.98	-1.00	26.99	Pass
VHT40	MCS0	1	142	5710	0.16	13.01	23.98	-1.00	26.99	Pass
VHT80	MCS 0	1	106	5530	0.31	12.22	23.98	-1.00	26.99	Pass
VHT80	MCS 0	1	122	5610	0.31	12.39	23.98	-1.00	26.99	Pass
VHT80	MCS0	1	138	5690	0.31	12.44	23.98	-1.00	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C										
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)		Pass/Fail
11a	6M bps	1	100	5500	-	1.25	11.00	-1.00		Pass
11a	6M bps	1	116	5580	-	1.25	11.00	-1.00		Pass
11a	6M bps	1	140	5700	-	1.52	11.00	-1.00		Pass
11a	6Mbps	1	144	5720	-	1.81	11.00	-1.00		Pass
HT20	MCS 0	1	100	5500	-	0.85	11.00	-1.00		Pass
HT20	MCS 0	1	116	5580	-	0.89	11.00	-1.00		Pass
HT20	MCS 0	1	140	5700	-	1.24	11.00	-1.00		Pass
HT20	MCS0	1	144	5720	-	1.28	11.00	-1.00		Pass
HT40	MCS 0	1	102	5510	0.16	-1.70	11.00	-1.00		Pass
HT40	MCS 0	1	110	5550	0.16	-1.89	11.00	-1.00		Pass
HT40	MCS 0	1	134	5670	0.16	-1.22	11.00	-1.00		Pass
HT40	MCS0	1	142	5710	0.16	-1.20	11.00	-1.00		Pass
VHT80	MCS 0	1	106	5530	0.31	-4.70	11.00	-1.00		Pass
VHT80	MCS 0	1	122	5610	0.31	-4.86	11.00	-1.00		Pass
VHT80	MCS0	1	138	5690	0.31	-4.45	11.00	-1.00		Pass

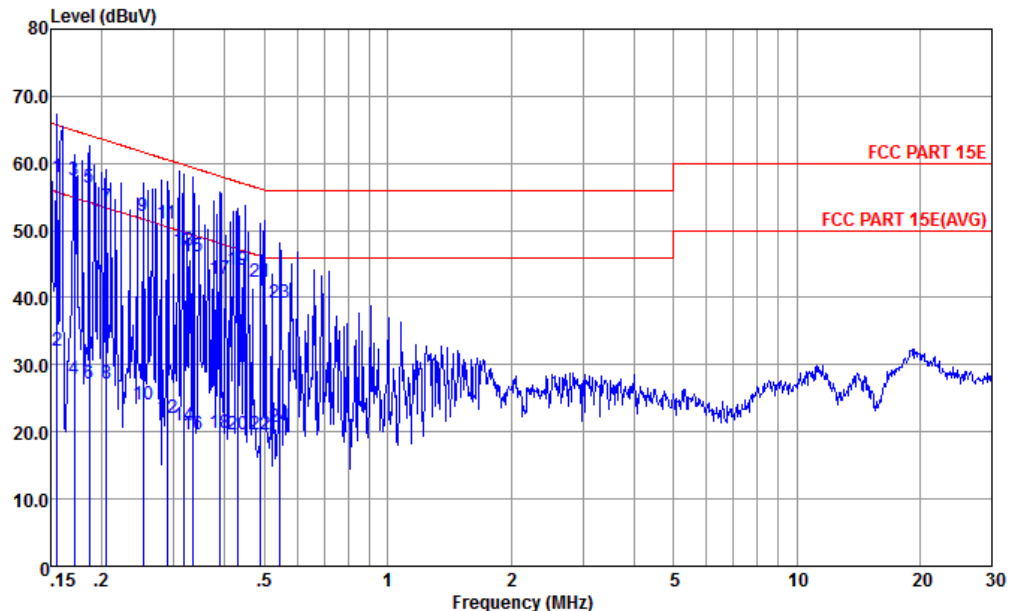


Appendix B. AC Conducted Emission Test Results





Test Engineer :		Temperature :	°C
		Relative Humidity :	%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC PART 15E LISN-N-060105-CN02 NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.156	58.02	-7.67	65.69	47.40	0.15	10.47	QP
2	0.156	32.12	-23.57	55.69	21.50	0.15	10.47	Average
3 *	0.171	57.38	-7.52	64.90	46.79	0.16	10.43	QP
4	0.171	27.78	-27.12	54.90	17.19	0.16	10.43	Average
5	0.186	56.35	-7.85	64.20	45.80	0.16	10.39	QP
6	0.186	27.15	-27.05	54.20	16.60	0.16	10.39	Average
7	0.205	53.43	-9.97	63.40	42.90	0.17	10.36	QP
8	0.205	27.13	-26.27	53.40	16.60	0.17	10.36	Average
9	0.252	52.11	-9.58	61.69	41.60	0.18	10.33	QP
10	0.252	24.01	-27.68	51.69	13.50	0.18	10.33	Average
11	0.289	51.10	-9.44	60.54	40.60	0.19	10.31	QP
12	0.289	22.10	-28.44	50.54	11.60	0.19	10.31	Average
13	0.317	47.10	-12.70	59.80	36.60	0.20	10.30	QP
14	0.317	21.00	-28.80	49.80	10.50	0.20	10.30	Average
15	0.334	46.09	-13.26	59.35	35.60	0.20	10.29	QP
16	0.334	19.69	-29.66	49.35	9.20	0.20	10.29	Average
17	0.389	42.68	-15.40	58.08	32.20	0.21	10.27	QP
18	0.389	19.78	-28.30	48.08	9.30	0.21	10.27	Average
19	0.428	44.08	-13.21	57.29	33.60	0.22	10.26	QP
20	0.428	19.68	-27.61	47.29	9.20	0.22	10.26	Average
21	0.489	42.27	-13.92	56.19	31.80	0.23	10.24	QP
22	0.489	19.67	-26.52	46.19	9.20	0.23	10.24	Average
23	0.546	39.27	-16.73	56.00	28.79	0.24	10.24	QP
24	0.546	20.77	-25.23	46.00	10.29	0.24	10.24	Average

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C. Radiated Spurious Emission

Test Engineer :	Henry Li	Temperature :	27~30°C
		Relative Humidity :	41~45%

UNII 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5105.12	55.27	-18.73	74	43.39	34.98	11.54	34.64	112	12	P	H
		5148	44.35	-9.65	54	32.16	35.03	11.6	34.44	112	12	A	H
	*	5176	97.74	-	-	85.38	35.06	11.63	34.33	112	12	P	H
		5176	90.6	-	-	78.24	35.06	11.63	34.33	112	12	A	H
		5148.48	54.98	-19.02	74	42.79	35.03	11.6	34.44	103	67	P	V
		5111.68	44.19	-9.81	54	32.27	35	11.56	34.64	103	67	A	V
	*	5182	93.92	-	-	81.56	35.06	11.63	34.33	103	67	P	V
		5182	87.24	-	-	74.88	35.06	11.63	34.33	103	67	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10358.36	46.62	-21.68	68.3	52.05	38.32	16.93	60.68	300	0	P	H
		10358.36	44.53	-23.77	68.3	49.96	38.32	16.93	60.68	300	0	P	V
802.11a CH 44 5220MHz		10438.44	45.13	-23.17	68.3	50.41	38.35	17.03	60.66	300	0	P	H
		10438.44	44.49	-23.81	68.3	49.77	38.35	17.03	60.66	300	0	P	V
802.11a CH 48 5240MHz		10478.47	45.85	-22.45	68.3	51.05	38.36	17.09	60.65	300	0	P	H
		10478.47	44.37	-23.93	68.3	49.57	38.36	17.09	60.65	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5144.8	58.19	-15.81	74	46	35.03	11.6	34.44	247	12	P	H
		5149.92	44.48	-9.52	54	32.29	35.03	11.6	34.44	247	12	A	H
	*	5176	98.41	-	-	86.05	35.06	11.63	34.33	247	12	P	H
		5176	90.78	-	-	78.42	35.06	11.63	34.33	247	12	A	H
		5146.88	54.12	-19.88	74	41.93	35.03	11.6	34.44	243	267	P	V
		5103.04	44.14	-9.86	54	32.26	34.98	11.54	34.64	243	267	A	V
	*	5182	94.38	-	-	82.02	35.06	11.63	34.33	243	267	P	V
		5182	87.16	-	-	74.8	35.06	11.63	34.33	243	267	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10358.36	45.3	-23	68.3	50.73	38.32	16.93	60.68	300	0	P	H
		10358.36	44.39	-23.91	68.3	49.82	38.32	16.93	60.68	300	0	P	V
802.11n HT20 CH 44 5220MHz		10438.44	46.69	-21.61	68.3	51.97	38.35	17.03	60.66	300	0	P	H
		10438.44	44.68	-23.62	68.3	49.96	38.35	17.03	60.66	300	0	P	V
802.11n HT20 CH 48 5240MHz		10478.47	44.82	-23.48	68.3	50.02	38.36	17.09	60.65	300	0	P	H
		10478.47	45.19	-23.11	68.3	50.39	38.36	17.09	60.65	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5145.92	55.73	-18.27	74	43.54	35.03	11.6	34.44	100	61	P	H
		5149.76	46.51	-7.49	54	34.32	35.03	11.6	34.44	100	61	A	H
	*	5194	95.24	-	-	82.74	35.08	11.65	34.23	100	61	P	H
		5194	87.44	-	-	74.94	35.08	11.65	34.23	100	61	A	H
		5358.6	55.24	-18.76	74	41.85	35.22	11.8	33.63	100	61	P	H
		5397.3	45.18	-8.82	54	31.58	35.27	11.86	33.53	100	61	A	H
		5148	54.85	-19.15	74	42.66	35.03	11.6	34.44	199	63	P	V
		5145.92	45.29	-8.71	54	33.1	35.03	11.6	34.44	199	63	A	V
	*	5194	92.33	-	-	79.83	35.08	11.65	34.23	199	63	P	V
		5194	84.6	-	-	72.1	35.08	11.65	34.23	199	63	A	V
		5377.5	55.38	-18.62	74	41.81	35.26	11.84	33.53	199	63	P	V
		5385.06	45.06	-8.94	54	31.49	35.26	11.84	33.53	199	63	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10378.38	44.22	-24.08	68.3	49.59	38.33	16.97	60.67	100	360	P	H
		10378.38	45.35	-22.95	68.3	50.72	38.33	16.97	60.67	100	360	P	V
802.11n HT40 CH 46 5230MHz		10458.46	44.66	-23.64	68.3	49.92	38.35	17.05	60.66	100	360	P	H
		10458.46	44.66	-23.64	68.3	49.92	38.35	17.05	60.66	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5145.92	56.43	-17.57	74	44.24	35.03	11.6	34.44	101	65	P	H
		5149.76	47.65	-6.35	54	35.46	35.03	11.6	34.44	101	65	A	H
	*	5218	92.5	-	-	79.97	35.09	11.67	34.23	101	65	P	H
		5218	84.76	-	-	72.23	35.09	11.67	34.23	101	65	A	H
		5396.76	54.36	-19.64	74	40.76	35.27	11.86	33.53	101	65	P	H
		5391.36	45.17	-8.83	54	31.6	35.26	11.84	33.53	101	65	A	H
		5118.24	55.66	-18.34	74	43.64	35	11.56	34.54	309	281	P	V
		5148.32	46.62	-7.38	54	34.43	35.03	11.6	34.44	309	281	A	V
	*	5218	92.72	-	-	80.19	35.09	11.67	34.23	309	281	P	V
		5218	84.98	-	-	72.45	35.09	11.67	34.23	309	281	A	V
		5372.64	54.71	-19.29	74	41.28	35.24	11.82	33.63	309	281	P	V
		5398.56	45.41	-8.59	54	31.81	35.27	11.86	33.53	309	281	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10418.42	45.04	-23.26	68.3	50.36	38.34	17.01	60.67	300	0	P	H
		10418.42	44.7	-23.6	68.3	50.02	38.34	17.01	60.67	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		5357.7	61.82	-12.18	74	48.43	35.22	11.8	33.63	169	305	P	H
		5375.1	45.55	-8.45	54	32.02	35.24	11.82	33.53	169	305	A	H
	*	5320	101.33	-	-	88.2	35.19	11.77	33.83	169	305	P	H
		5320	93.86	-	-	80.73	35.19	11.77	33.83	169	305	A	H
		5389.8	54.89	-19.11	74	41.32	35.26	11.84	33.53	100	71	P	V
		5398.8	44.55	-9.45	54	30.95	35.27	11.86	33.53	100	71	A	V
	*	5320	94.9	-	-	81.77	35.19	11.77	33.83	100	71	P	V
		5320	87.06	-	-	73.93	35.19	11.77	33.83	100	71	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2A 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10518.52	45.19	-23.11	68.3	50.35	38.37	17.12	60.65	300	0	P	H
		10518.52	45.19	-23.11	68.3	50.35	38.37	17.12	60.65	300	0	P	V
802.11a CH 60 5300MHz		10600.01	45.71	-28.29	74	50.77	38.4	17.17	60.63	300	0	P	H
		10600.01	44.36	-29.64	74	49.42	38.4	17.17	60.63	300	0	P	V
802.11a CH 64 5320MHz		10638.63	44.59	-29.41	74	49.6	38.41	17.2	60.62	300	0	P	H
		10638.63	45.49	-28.51	74	50.5	38.41	17.2	60.62	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 64 5320MHz		5352.7	59.48	-14.52	74	46.09	35.22	11.8	33.63	168	305	P	H
		5351.2	45.53	-8.47	54	32.14	35.22	11.8	33.63	168	305	A	H
	*	5320	100.75	-	-	87.62	35.19	11.77	33.83	168	305	P	H
		5320	93.4	-	-	80.27	35.19	11.77	33.83	168	305	A	H
		5350.3	57.36	-16.64	74	43.97	35.22	11.8	33.63	300	261	P	V
		5375.9	44.74	-9.26	54	31.21	35.24	11.82	33.53	300	261	A	V
	*	5320	97.62	-	-	84.49	35.19	11.77	33.83	300	261	P	V
		5320	90.43	-	-	77.3	35.19	11.77	33.83	300	261	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20		10518.52	45.08	-23.22	68.3	50.24	38.37	17.12	60.65	300	0	P	H
CH 52 5260MHz		10518.52	45.04	-23.26	68.3	50.2	38.37	17.12	60.65	300	0	P	V
802.11n HT20		10600.01	45.02	-28.98	74	50.08	38.4	17.17	60.63	300	0	P	H
CH 60 5300MHz		10600.01	45.1	-28.9	74	50.16	38.4	17.17	60.63	300	0	P	V
802.11n HT20		10638.63	45.24	-28.76	74	50.25	38.41	17.2	60.62	300	0	P	H
CH 64 5320MHz		10638.63	44.2	-29.8	74	49.21	38.41	17.2	60.62	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 62 5310MHz		5136.16	54.91	-19.09	74	42.86	35.01	11.58	34.54	174	312	P	H
		5115.36	44.93	-9.07	54	32.91	35	11.56	34.54	174	312	A	H
	*	5314	98.13	-	-	85	35.19	11.77	33.83	174	312	P	H
		5314	90.49	-	-	77.36	35.19	11.77	33.83	174	312	A	H
		5364	57.06	-16.94	74	43.63	35.24	11.82	33.63	174	312	P	H
		5350.1	47.02	-6.98	54	33.63	35.22	11.8	33.63	174	312	A	H
		5135.84	54.45	-19.55	74	42.4	35.01	11.58	34.54	302	272	P	V
		5121.28	44.89	-9.11	54	32.87	35	11.56	34.54	302	272	A	V
	*	5314	97.05	-	-	83.92	35.19	11.77	33.83	302	272	P	V
		5314	89.13	-	-	76	35.19	11.77	33.83	302	272	A	V
		5350.68	55.92	-18.08	74	42.53	35.22	11.8	33.63	302	272	P	V
		5350.68	46.28	-7.72	54	32.89	35.22	11.8	33.63	302	272	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		10538.54	44.21	-24.09	68.3	49.34	38.38	17.13	60.64	100	360	P	H
		10538.54	43.19	-25.11	68.3	48.32	38.38	17.13	60.64	100	360	P	V
802.11n HT40 CH 62 5310MHz		10618.62	44.87	-29.13	74	49.9	38.41	17.18	60.62	100	360	P	H
		10618.62	44.61	-29.39	74	49.64	38.41	17.18	60.62	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2A 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5130.56	54.22	-19.78	74	42.17	35.01	11.58	34.54	127	16	P	H
		5113.76	45.18	-8.82	54	33.26	35	11.56	34.64	127	16	A	H
	*	5296	93.1	-	-	80.1	35.18	11.75	33.93	127	16	P	H
		5296	84.81	-	-	71.81	35.18	11.75	33.93	127	16	A	H
		5373.8	56.93	-17.07	74	43.5	35.24	11.82	33.63	127	16	P	H
		5350.1	48.3	-5.7	54	34.91	35.22	11.8	33.63	127	16	A	H
		5140.16	54.66	-19.34	74	42.57	35.03	11.6	34.54	317	273	P	V
		5103.04	45.29	-8.71	54	33.41	34.98	11.54	34.64	317	273	A	V
	*	5278	92.62	-	-	79.66	35.16	11.73	33.93	317	273	P	V
		5278	84.53	-	-	71.57	35.16	11.73	33.93	317	273	A	V
		5361	57.1	-16.9	74	43.67	35.24	11.82	33.63	317	273	P	V
		5350.8	48.21	-5.79	54	34.82	35.22	11.8	33.63	317	273	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**UNII 2A 5250~5350MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80		10578.58	44.38	-23.92	68.3	49.47	38.39	17.15	60.63	300	0	P	H
CH 58 5290MHz		10578.58	44.61	-23.69	68.3	49.7	38.39	17.15	60.63	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5454.64	57.32	-16.68	74	43.32	35.32	11.91	33.23	170	305	P	H
		5469.04	56.67	-11.63	68.3	42.63	35.34	11.93	33.23	170	305	P	H
		5458	46.36	-7.64	54	32.36	35.32	11.91	33.23	170	305	A	H
	*	5500	100.95	-	-	86.74	35.37	11.96	33.12	170	305	P	H
		5500	93.48	-	-	79.27	35.37	11.96	33.12	170	305	A	H
		5437.52	55.74	-18.26	74	41.87	35.31	11.89	33.33	257	286	P	V
		5460.56	56.14	-12.16	68.3	42.14	35.32	11.91	33.23	257	286	P	V
		5456.72	45.74	-8.26	54	31.74	35.32	11.91	33.23	257	286	A	V
	*	5500	98.83	-	-	84.62	35.37	11.96	33.12	257	286	P	V
		5500	91.37	-	-	77.16	35.37	11.96	33.12	257	286	A	V
802.11a CH 140 5700MHz		5725.88	63.92	-4.38	68.3	48.98	35.65	12.15	32.86	179	300	P	H
	*	5698	103.2	-	-	88.24	35.59	12.12	32.75	179	300	P	H
		5698	95.33	-	-	80.37	35.59	12.12	32.75	179	300	A	H
		5735.4	61.27	-7.03	68.3	46.29	35.68	12.16	32.86	254	280	P	V
	*	5704	100.85	-	-	85.85	35.62	12.13	32.75	254	280	P	V
		5704	93.46	-	-	78.46	35.62	12.13	32.75	254	280	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**UNII 2C - 5470~5725MHz****WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		10999	45.23	-28.77	74	49.82	38.53	17.42	60.54	300	0	P	H
		10999	44.47	-29.53	74	49.06	38.53	17.42	60.54	300	0	P	V
802.11a CH 116 5580MHz		11159.16	44.95	-29.05	74	49.37	38.59	17.49	60.5	300	0	P	H
		11159.16	44.53	-29.47	74	48.95	38.59	17.49	60.5	300	0	P	V
802.11a CH 140 5700MHz		11399.39	44.59	-29.41	74	48.78	38.67	17.59	60.45	300	0	P	H
		11399.39	45.18	-28.82	74	49.37	38.67	17.59	60.45	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		5455.76	56.28	-17.72	74	42.28	35.32	11.91	33.23	169	305	P	H
		5465.68	57.48	-10.82	68.3	43.44	35.34	11.93	33.23	169	305	P	H
		5457.84	46.3	-7.7	54	32.3	35.32	11.91	33.23	169	305	A	H
	*	5500	101.22	-	-	87.01	35.37	11.96	33.12	169	305	P	H
		5500	92.67	-	-	78.46	35.37	11.96	33.12	169	305	A	H
		5460	55.74	-18.26	74	41.74	35.32	11.91	33.23	284	261	P	V
		5469.68	55.99	-12.31	68.3	41.95	35.34	11.93	33.23	284	261	P	V
		5457.52	45.87	-8.13	54	31.87	35.32	11.91	33.23	284	261	A	V
	*	5500	97.73	-	-	83.52	35.37	11.96	33.12	284	261	P	V
		5500	90.31	-	-	76.1	35.37	11.96	33.12	284	261	A	V
802.11n HT20 CH 140 5700MHz		5727.8	64.24	-4.06	68.3	49.3	35.65	12.15	32.86	178	301	P	H
	*	5698	102.06	-	-	87.1	35.59	12.12	32.75	178	301	P	H
		5698	95.14	-	-	80.18	35.59	12.12	32.75	178	301	A	H
		5725.64	62.28	-6.02	68.3	47.34	35.65	12.15	32.86	277	276	P	V
	*	5698	100.56	-	-	85.6	35.59	12.12	32.75	277	276	P	V
		5698	92.5	-	-	77.54	35.59	12.12	32.75	277	276	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C - 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		10999	44.75	-29.25	74	49.34	38.53	17.42	60.54	100	360	P	H
		10999	44.36	-29.64	74	48.95	38.53	17.42	60.54	100	360	P	V
802.11n HT20 CH 116 5580MHz		11159.16	44.33	-29.67	74	48.75	38.59	17.49	60.5	100	360	P	H
		11159.16	44.74	-29.26	74	49.16	38.59	17.49	60.5	100	360	P	V
802.11n HT20 CH 140 5700MHz		11399.39	44.29	-29.71	74	48.48	38.67	17.59	60.45	100	360	P	H
		11399.39	44.02	-29.98	74	48.21	38.67	17.59	60.45	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5454.32	58.99	-15.01	74	44.99	35.32	11.91	33.23	168	309	P	H
		5468.56	57.43	-10.87	68.3	43.39	35.34	11.93	33.23	168	309	P	H
		5459.6	47.49	-6.51	54	33.49	35.32	11.91	33.23	168	309	A	H
	*	5506	98.51	-	-	84.2	35.37	11.96	33.02	168	309	P	H
		5506	90.86	-	-	76.55	35.37	11.96	33.02	168	309	A	H
		5763.72	56	-12.3	68.3	41.07	35.72	12.18	32.97	168	309	P	H
		5434.64	56.49	-17.51	74	42.62	35.31	11.89	33.33	185	249	P	V
		5469.52	57.52	-10.78	68.3	43.48	35.34	11.93	33.23	185	249	P	V
		5458	47.16	-6.84	54	33.16	35.32	11.91	33.23	185	249	A	V
	*	5512	97.92	-	-	83.61	35.37	11.96	33.02	185	249	P	V
		5512	89.53	-	-	75.22	35.37	11.96	33.02	185	249	A	V
		5754.12	56.47	-11.83	68.3	41.54	35.72	12.18	32.97	185	249	P	V
802.11n HT40 CH 134 5670MHz		5446.16	55.32	-18.68	74	41.42	35.32	11.91	33.33	246	303	P	H
		5466.16	55.28	-13.02	68.3	41.24	35.34	11.93	33.23	246	303	P	H
		5458.96	46	-8	54	32	35.32	11.91	33.23	246	303	A	H
	*	5674	100.31	-	-	85.28	35.56	12.1	32.63	246	303	P	H
		5674	91.63	-	-	76.6	35.56	12.1	32.63	246	303	A	H
		5734.92	58.69	-9.61	68.3	43.71	35.68	12.16	32.86	246	303	P	H
		5441.52	55.25	-18.75	74	41.38	35.31	11.89	33.33	278	270	P	V
		5461.36	55.24	-13.06	68.3	41.24	35.32	11.91	33.23	278	270	P	V
		5453.2	45.92	-8.08	54	31.92	35.32	11.91	33.23	278	270	A	V
	*	5674	100.54	-	-	85.51	35.56	12.1	32.63	278	270	P	V
		5674	92.28	-	-	77.25	35.56	12.1	32.63	278	270	A	V
		5731	58.78	-9.52	68.3	43.84	35.65	12.15	32.86	278	270	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11019.02	44.32	-29.68	74	48.89	38.54	17.43	60.54	100	360	P	H
		11019.02	44.07	-29.93	74	48.64	38.54	17.43	60.54	100	360	P	V
802.11n HT40 CH 110 5550MHz		11099.1	45.67	-28.33	74	50.16	38.57	17.46	60.52	300	0	P	H
		11099.1	45.69	-28.31	74	50.18	38.57	17.46	60.52	300	0	P	V
802.11n HT40 CH 134 5670MHz		11339.33	44.75	-29.25	74	49.02	38.64	17.56	60.47	300	0	P	H
		11339.33	45.79	-28.21	74	50.06	38.64	17.56	60.47	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C - 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5456.72	60.77	-13.23	74	46.77	35.32	11.91	33.23	160	306	P	H
		5463.44	61.08	-7.22	68.3	47.04	35.34	11.93	33.23	160	306	P	H
		5458.64	50.22	-3.78	54	36.22	35.32	11.91	33.23	160	306	A	H
	*	5536	95.96	-	-	81.49	35.4	11.99	32.92	160	306	P	H
		5536	88.49	-	-	74.02	35.4	11.99	32.92	160	306	A	H
		5726.44	56.14	-12.16	68.3	41.2	35.65	12.15	32.86	160	306	P	H
		5458.8	58.48	-15.52	74	44.48	35.32	11.91	33.23	306	284	P	V
		5468.72	60.1	-8.2	68.3	46.06	35.34	11.93	33.23	306	284	P	V
		5459.44	48.49	-5.51	54	34.49	35.32	11.91	33.23	306	284	A	V
	*	5524	94.18	-	-	79.84	35.39	11.97	33.02	306	284	P	V
		5524	86.3	-	-	71.96	35.39	11.97	33.02	306	284	A	V
		5750.68	56.22	-12.08	68.3	41.35	35.68	12.16	32.97	306	284	P	V
802.11ac VHT80 CH 122 5610MHz		5444.72	56.68	-17.32	74	42.81	35.31	11.89	33.33	166	310	P	H
		5469.68	54.46	-13.84	68.3	40.42	35.34	11.93	33.23	166	310	P	H
		5439.28	46.42	-7.58	54	32.55	35.31	11.89	33.33	166	310	A	H
	*	5590	94.83	-	-	80.07	35.45	12.03	32.72	166	310	P	H
		5590	87.39	-	-	72.63	35.45	12.03	32.72	166	310	A	H
		5729.24	56.27	-12.03	68.3	41.33	35.65	12.15	32.86	166	310	P	H
		5388.56	54.86	-19.14	74	41.29	35.26	11.84	33.53	317	266	P	V
		5460.72	55.05	-13.25	68.3	41.05	35.32	11.91	33.23	317	266	P	V
		5455.12	46.38	-7.62	54	32.38	35.32	11.91	33.23	317	266	A	V
	*	5614	93.35	-	-	78.45	35.47	12.05	32.62	317	266	P	V
		5614	85.41	-	-	70.51	35.47	12.05	32.62	317	266	A	V
		5735.08	56.5	-11.8	68.3	41.52	35.68	12.16	32.86	317	266	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80		11059.05	45.09	-28.91	74	49.62	38.55	17.45	60.53	300	0	P	H
CH 106 5530MHz		11059.05	44.73	-29.27	74	49.26	38.55	17.45	60.53	300	0	P	V
802.11ac VHT80		11219.21	45.24	-28.76	74	49.62	38.6	17.51	60.49	300	0	P	H
CH 122 5610MHz		11219.21	45.12	-28.88	74	49.5	38.6	17.51	60.49	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2C - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a	*	5722	103.54	-	-	88.6	35.65	12.15	32.86	400	0	P	H
CH 144		5722	96.24	-	-	81.3	35.65	12.15	32.86	400	0	A	H
5720MHz	*	5722	102.76	-	-	87.82	35.65	12.15	32.86	100	0	P	V
		5722	95.14	-	-	80.2	35.65	12.15	32.86	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11439.44	46.01	-27.99	74	50.17	38.68	17.6	60.44	300	0	P	H
		11439.44	45.71	-28.29	74	49.87	38.68	17.6	60.44	300	0	P	V
Remark		1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											

UNII 2C - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz	*	5722	102.87	-	-	87.93	35.65	12.15	32.86	400	0	P	H
		5722	95.82	-	-	80.88	35.65	12.15	32.86	400	0	A	H
	*	5722	101.81	-	-	86.87	35.65	12.15	32.86	100	0	P	V
		5722	94.49	-	-	79.55	35.65	12.15	32.86	100	0	A	V
Remark		1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



UNII 2C - Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20		11439.44	46.19	-27.81	74	50.35	38.68	17.6	60.44	300	0	P	H
CH 144 5720MHz		11439.44	45.35	-28.65	74	49.51	38.68	17.6	60.44	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2C - Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40		11419.42	45.58	-28.42	74	55.8	38.67	17.59	66.48	300	0	P	H
CH 142 5710MHz		11419.42	44.21	-29.79	74	54.43	38.67	17.59	66.48	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII 2C - Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11	*	5704	96.88	-	-	86.68	35.62	11.16	36.58	400	0	P	H
VHT80		5704	88.79	-	-	78.59	35.62	11.16	36.58	400	0	A	H
CH 138	*	5686	96.36	-	-	86.2	35.59	11.13	36.56	100	0	P	V
5690MHz		5686	89.58	-	-	79.42	35.59	11.13	36.56	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2C - Straddle Channel
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11		11379.38	44.37	-29.63	74	54.61	38.66	17.58	66.48	300	0	P	H
VHT80													
CH 138		11379.38	45.08	-28.92	74	55.32	38.66	17.58	66.48	300	0	P	V
5690MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

5GHz WIFI 802.11ac80 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		39.7	24.15	-15.85	40	36.11	19.9	0.94	32.8	-	-	P	H
		109.54	28.37	-15.13	43.5	41.69	17.98	1.58	32.88	-	-	P	H
		153.19	24.41	-19.09	43.5	37.93	17.43	1.87	32.82	-	-	P	H
		176.47	27.87	-15.63	43.5	41.95	16.86	2.02	32.96	-	-	P	H
		229.82	26.63	-19.37	46	39.27	18.15	2.31	33.1	-	-	P	H
		532.46	26.91	-19.09	46	30.65	25.41	3.52	32.67	-	-	P	H
		40.67	32.95	-7.05	40	45.43	19.38	0.96	32.82	-	-	P	V
		83.35	24.23	-15.77	40	41.09	14.6	1.38	32.84	-	-	P	V
		107.6	27.2	-16.3	43.5	40.5	18.01	1.57	32.88	-	-	P	V
		179.38	26.05	-17.45	43.5	40.21	16.79	2.03	32.98	-	-	P	V
		230.79	21.98	-24.02	46	34.55	18.21	2.32	33.1	-	-	P	V
		582.9	28.7	-17.3	46	31.91	25.64	3.68	32.53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Co-location mode:

GSM1900 Link + WLAN 5GHz Link (802.11a ac VHT80 Ch.106) + BT Link (BLE 5.0 Ch.39)
(Band Edge @ 3m)

BLE	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 39 2480MHz		2483.5	56.13	-17.87	74	51.67	30.86	7.86	34.26	250	346	P	H
		2483.5	47.86	-6.14	54	43.4	30.86	7.86	34.26	250	346	A	H
	*	2480	99.76	-	-	95.3	30.86	7.86	34.26	250	346	P	H
	*	2480	98.28	-	-	93.82	30.86	7.86	34.26	250	346	A	H
		2483.5	55.87	-18.13	74	51.41	30.86	7.86	34.26	298	258	P	V
		2483.5	47.76	-6.24	54	43.3	30.86	7.86	34.26	298	258	A	V
	*	2480	98.96	-	-	94.5	30.86	7.86	34.26	298	258	P	V
	*	2480	97.49	-	-	93.03	30.86	7.86	34.26	298	258	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

GSM1900 Link + WLAN 5GHz Link (802.11a ac VHT80 Ch.106) + BT Link (BLE 5.0 Ch.39)
(Harmonic @ 3m)

BLE	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 39 2480MHz		4962	42.74	-31.26	74	56.54	34.82	11.39	60.01	300	0	P	H
		5445	48.75	-25.25	74	61.65	35.31	11.89	60.1	300	0	P	H
		7440	44.26	-29.74	74	54.33	36.62	13.85	60.54	300	0	P	H
		4962	42.28	-31.72	74	56.08	34.82	11.39	60.01	300	0	P	V
		5445	50.99	-23.01	74	63.89	35.31	11.89	60.1	300	0	P	V
		7440	44.73	-29.27	74	54.8	36.62	13.85	60.54	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



GSM1900 Link + WLAN 5GHz Link (802.11a ac VHT80 Ch.106) + BT Link (BLE 5.0 Ch.39)

(Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5459.92	58.88	-15.12	74	44.88	35.32	11.91	33.23	100	294	P	H
		5464.08	60.35	-7.95	68.3	46.31	35.34	11.93	33.23	100	294	P	H
		5459.6	50.24	-3.76	54	36.24	35.32	11.91	33.23	100	294	A	H
	*	5524	91.32	-	-	76.98	35.39	11.97	33.02	100	294	P	H
		5524	82.8	-	-	68.46	35.39	11.97	33.02	100	294	A	H
		5759.32	56.84	-11.46	68.3	41.91	35.72	12.18	32.97	100	294	P	H
		5457.04	58.45	-15.55	74	44.45	35.32	11.91	33.23	295	262	P	V
		5465.84	58.93	-9.37	68.3	44.89	35.34	11.93	33.23	295	262	P	V
		5460	49.82	-4.18	54	35.82	35.32	11.91	33.23	295	262	A	V
	*	5518	90.79	-	-	76.45	35.39	11.97	33.02	295	262	P	V
		5518	82.44	-	-	68.1	35.39	11.97	33.02	295	262	A	V
		5744.36	56.88	-11.42	68.3	42.01	35.68	12.16	32.97	295	262	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

GSM1900 Link + WLAN 5GHz Link (802.11a ac VHT80 Ch.106) + BT Link (BLE 5.0 Ch.39)

(Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11059.05	45.94	-28.06	74	50.47	38.55	17.45	60.53	300	0	P	H
		11059.05	44.4	-29.6	74	48.93	38.55	17.45	60.53	300	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



GSM1900 Link + WLAN 5GHz Link (802.11a ac VHT80 Ch.106) + BT Link (BLE 5.0 Ch.39)

Emission below 1GHz

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
LF		44.55	26.28	-13.72	40	40.37	16.77	0.8	31.66	-	-	P	H
		92.08	21.66	-21.84	43.5	36.19	15.86	1.51	31.9	-	-	P	H
		169.68	27.61	-15.89	43.5	40.69	16.15	2.1	31.33	-	-	P	H
		219.15	22.94	-23.06	46	35.25	16.65	2.39	31.35	-	-	P	H
		262.8	24.33	-21.67	46	34.4	18.74	2.62	31.43	-	-	P	H
		617.82	26.24	-19.76	46	28.3	25.17	4.05	31.28	-	-	P	H
		44.55	28.95	-11.05	40	42.51	17.3	0.8	31.66	-	-	P	V
		91.11	22.44	-21.06	43.5	36.62	16.21	1.5	31.89	-	-	P	V
		120.21	18.71	-24.79	43.5	30.71	17.86	1.78	31.64	-	-	P	V
		168.71	23.66	-19.84	43.5	35.85	17.05	2.09	31.33	-	-	P	V
		456.8	26.02	-19.98	46	30.1	23.72	3.47	31.27	-	-	P	V
		648.86	26.95	-19.05	46	28.23	25.89	4.15	31.32	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
	Test result is over limit line.
P/A	P eak or A verage
H/V	H orizontal or V ertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
 = 55.45 (dBμV/m)
2. Over Limit(dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
 = 43.54 (dBμV/m)
2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
 = 43.54(dBμV/m) – 54(dBμV/m)
 = -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Radiated Spurious Emission

Test Engineer :	Henry Li	Temperature :	27~30°C
		Relative Humidity :	41~45%

Note symbol

-L	Low channel location
-R	High channel location



UNII 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI		UNII 1 5150~5250MHz Band Edge @ 3m																																																																											
ANT		802.11a CH36 5180MHz																																																																											
1	Horizontal	Fundamental																																																																											
Peak	Site Condition : 03C805-KS : 5G BAND 1-3 3m 3117 00218052 HORIZONTAL : RSW: 100%, 000Hz, TFR: 3000, 000Hz, SPT: Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100</th><th>dB</th><th>dBm/100</th><th>dBm/100</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5180.12</td><td>55.27</td><td>-10.73</td><td>74.00</td><td>43.39</td><td>54.54</td><td>11.54</td><td>34.64</td><td>112</td><td>12</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100	dB	dBm/100	dBm/100	dB	cm	deg		1	5180.12	55.27	-10.73	74.00	43.39	54.54	11.54	34.64	112	12	Peak	HORIZONTAL	Site Condition : 03C805-KS : 5G BAND 1-3 3m 3117 00218052 HORIZONTAL : RSW: 100%, 000Hz, TFR: 3000, 000Hz, SPT: Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100</th><th>dB</th><th>dBm/100</th><th>dBm/100</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>5176.00</td><td>97.74</td><td>29.44</td><td>68.30</td><td>85.38</td><td>35.86</td><td>11.63</td><td>34.33</td><td>112</td><td>12</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5176.00</td><td>99.69</td><td>-----</td><td>78.24</td><td>35.86</td><td>11.63</td><td>34.33</td><td></td><td>112</td><td>12</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100	dB	dBm/100	dBm/100	dB	cm	deg		1 *	5176.00	97.74	29.44	68.30	85.38	35.86	11.63	34.33	112	12	Peak	HORIZONTAL	2	5176.00	99.69	-----	78.24	35.86	11.63	34.33		112	12	Average	HORIZONTAL
	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																				
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Avg.	Site Condition : 03C805-KS : 5G BAND 1-3 3m 3117 00218052 HORIZONTAL : RSW: 100%, 000Hz, TFR: 0.0100Hz, SPT: Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100</th><th>dB</th><th>dBm/100</th><th>dBm/100</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5140.00</td><td>44.35</td><td>-9.65</td><td>54.00</td><td>32.16</td><td>35.93</td><td>11.60</td><td>34.44</td><td>112</td><td>12</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100	dB	dBm/100	dBm/100	dB	cm	deg		1	5140.00	44.35	-9.65	54.00	32.16	35.93	11.60	34.44	112	12	Average	HORIZONTAL	Left blank																																												
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WIFI

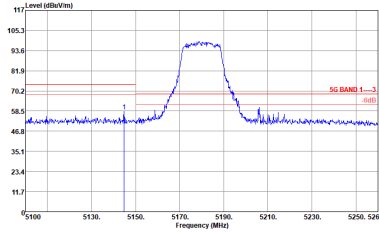
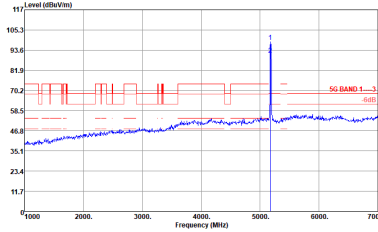
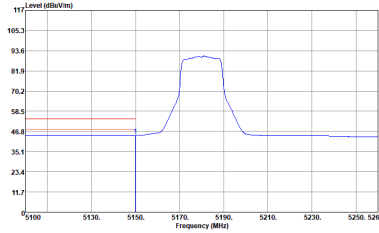
UNII 1 5150~5250MHz Band Edge @ 3m



ANT	802.11a CH36 5180MHz																																																																																								
1	Vertical	Fundamental																																																																																							
Peak	Site Condition : 03C805-KS : 5G BAND 1----3 3m 3117 00218682 VERTICAL : RSW 1000,000Hz VIEW 3000,000Hz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5148.48</td><td>54.98</td><td>-19.82</td><td>74.00</td><td>42.79</td><td>35.83</td><td>11.68</td><td>34.44</td><td>183</td><td>67</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	5148.48	54.98	-19.82	74.00	42.79	35.83	11.68	34.44	183	67	Peak	VERTICAL	Site Condition : 03C805-KS : 5G BAND 1----3 3m 3117 00218682 VERTICAL : RSW 1000,000Hz VIEW 3000,000Hz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 *</td><td>5182.00</td><td>93.92</td><td>25.62</td><td>68.38</td><td>81.56</td><td>35.86</td><td>11.63</td><td>34.33</td><td>183</td><td>67</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5182.00</td><td>87.24</td><td>-----</td><td>74.88</td><td>35.86</td><td>11.63</td><td>34.33</td><td></td><td>183</td><td>67</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1 *	5182.00	93.92	25.62	68.38	81.56	35.86	11.63	34.33	183	67	Peak	VERTICAL	2	5182.00	87.24	-----	74.88	35.86	11.63	34.33		183	67	Average	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																	
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Avg.	Site Condition : 03C805-KS : 5G BAND 1----3 (AVG) 3m 3117 00218682 VERTICAL : RSW 1000,000Hz VIEW 0,011838c SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5111.68</td><td>44.19</td><td>-9.81</td><td>54.00</td><td>32.27</td><td>35.00</td><td>11.56</td><td>34.64</td><td>183</td><td>67</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	5111.68	44.19	-9.81	54.00	32.27	35.00	11.56	34.64	183	67	Average	VERTICAL	Left blank																																																		
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UNII 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

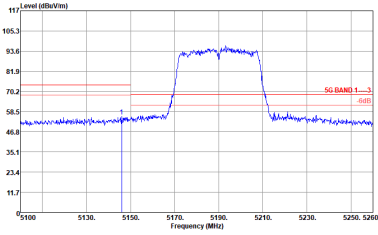
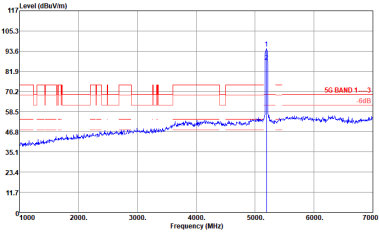
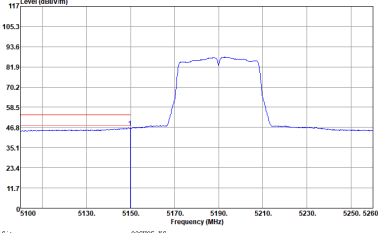
WIFI		UNII 1 5150~5250MHz Band Edge @ 3m																																																																																							
ANT		802.11n HT20 CH36 5180MHz																																																																																							
1	Horizontal	Fundamental																																																																																							
Peak	 Site Condition : 032015-ES : 5G BAND 1 (---) 3m 3117 00210652 HORIZONTAL : REF 1000.000Hz YFW 3000.000Hz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5144.89</td><td>58.19</td><td>-15.81</td><td>74.00</td><td>46.00</td><td>35.83</td><td>11.60</td><td>34.44</td><td>247</td><td>12</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	5144.89	58.19	-15.81	74.00	46.00	35.83	11.60	34.44	247	12	Peak	HORIZONTAL	 Site Condition : 032015-ES : 5G BAND 1 (---) 3m 3117 00210652 HORIZONTAL : REF 1000.000Hz YFW 3000.000Hz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5176.00</td><td>68.41</td><td>59.11</td><td>69.30</td><td>66.95</td><td>35.80</td><td>11.63</td><td>34.33</td><td>247</td><td>12</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5176.00</td><td>66.76</td><td>.....</td><td>78.42</td><td>35.00</td><td>11.63</td><td>34.33</td><td></td><td>247</td><td>12</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	5176.00	68.41	59.11	69.30	66.95	35.80	11.63	34.33	247	12	Peak	HORIZONTAL	2	5176.00	66.76		78.42	35.00	11.63	34.33		247	12	Average	HORIZONTAL
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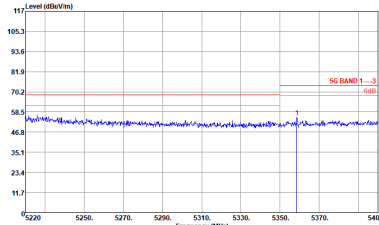
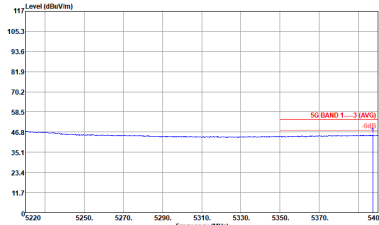
WIFI		UNII 1 5150~5250MHz Band Edge @ 3m																																																																																												
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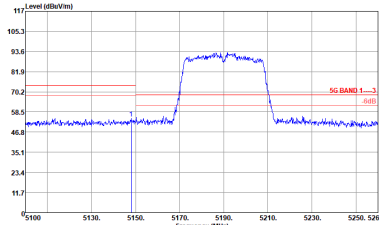
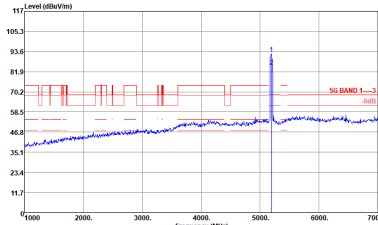
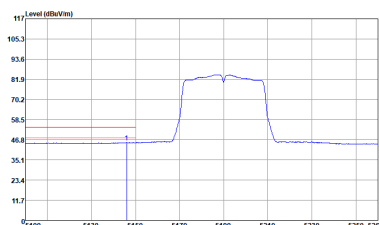
UNII 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

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ANT		802.11n HT40 CH38 5190MHz - L																																																																																				
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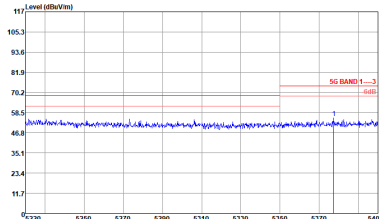
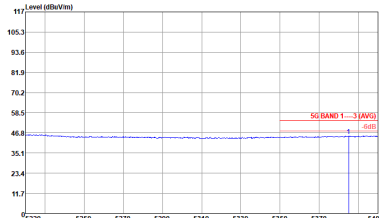


WIFI	UNII 1 5150~5250MHz Band Edge @ 3m																																											
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Peak	 Site Condition : 03F20P-RS : 5G BAND 1---3 3m 3117 00218652 HORIZONTAL : BW: 100K, 000KHz TWR: 300K, 000KHz SW: Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5358.69</td><td>55.24</td><td>-18.76</td><td>74.00</td><td>41.85</td><td>35.22</td><td>11.80</td><td>33.63</td><td>180</td><td>61 Peak</td><td>HORIZONTAL</td></tr></table>					Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1	5358.69	55.24	-18.76	74.00	41.85	35.22	11.80	33.63	180	61 Peak	HORIZONTAL	Left blank				
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																	
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	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																	
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg																																				
1	5397.38	45.18	-8.82	54.00	31.58	35.27	11.86	33.53	180	61 Average	HORIZONTAL																																	



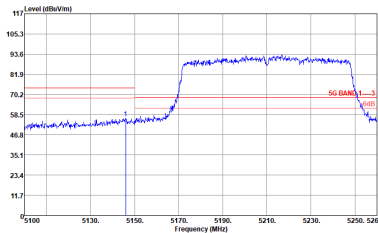
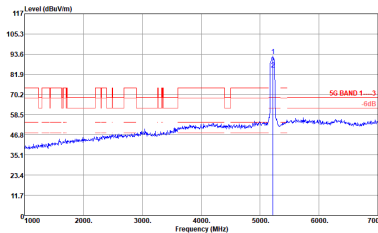
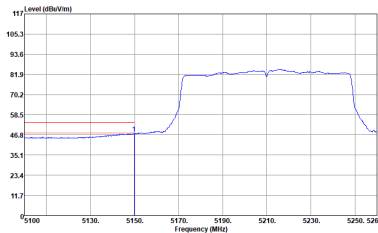
WIFI	UNII 1 5150~5250MHz Band Edge @ 3m																																																																																				
ANT	802.11n HT40 CH38 5190MHz - L																																																																																				
1	Vertical	Fundamental																																																																																			
Peak	 Site Condition : 0320P-RS : 05 BAND 1---3 3a 3117 00010650 VERTICAL : BW 1000.000KHz YRP 3000.000KHz SPT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5148.00</td><td>54.85 -19.15</td><td>74.00</td><td>42.66</td><td>35.83</td><td>11.60</td><td>34.44</td><td>199</td><td>63 Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	deg	1	5148.00	54.85 -19.15	74.00	42.66	35.83	11.60	34.44	199	63 Peak	VERTICAL	 Site Condition : 0320P-RS : 05 BAND 1---3 3a 3117 00010650 VERTICAL : BW 1000.000KHz YRP 3000.000KHz SPT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 *</td><td>5194.00</td><td>92.33</td><td>24.83</td><td>68.30</td><td>79.83</td><td>35.80</td><td>11.65</td><td>34.23</td><td>199</td><td>63 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5194.00</td><td>84.60</td><td>-----</td><td>-----</td><td>72.10</td><td>35.80</td><td>11.65</td><td>34.23</td><td>199</td><td>63 Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	deg	1 *	5194.00	92.33	24.83	68.30	79.83	35.80	11.65	34.23	199	63 Peak	VERTICAL	2	5194.00	84.60	-----	-----	72.10	35.80	11.65	34.23	199	63 Average	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																													
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2	5194.00	84.60	-----	-----	72.10	35.80	11.65	34.23	199	63 Average	VERTICAL																																																																										
Avg.	 Site Condition : 0320P-RS : 05 BAND 1---3 (APC) 3a 3117 00010650 VERTICAL : BW 1000.000KHz YRP 1.100KHz SPT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5145.92</td><td>45.29 -8.71</td><td>54.00</td><td>33.10</td><td>35.83</td><td>11.60</td><td>34.44</td><td>199</td><td>63 Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	deg	1	5145.92	45.29 -8.71	54.00	33.10	35.83	11.60	34.44	199	63 Average	VERTICAL	Left blank																																																
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MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	deg																																																																														
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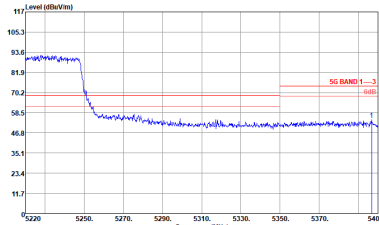
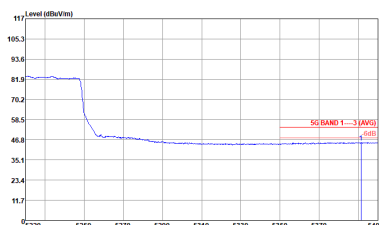
WIFI	UNII 1 5150~5250MHz Band Edge @ 3m																																										
ANT	802.11n HT40 CH38 5190MHz - R																																										
1	Vertical					Fundamental																																					
Peak	 Site Condition : 030805-KS : 5G BAND 1---3 3m 3117 00018892 VERTICAL : RSW 100%, 0000dB VSW 3.00L, 0000dB SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5377.50</td><td>55.36</td><td>-18.62</td><td>74.00</td><td>41.61</td><td>35.26</td><td>11.84</td><td>33.53</td><td>199</td><td>63 Peak VERTICAL</td></tr></table>					Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg		1	5377.50	55.36	-18.62	74.00	41.61	35.26	11.84	33.53	199	63 Peak VERTICAL	Left blank				
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																		
1	5377.50	55.36	-18.62	74.00	41.61	35.26	11.84	33.53	199	63 Peak VERTICAL																																	
Avg.	 Site Condition : 030805-KS : 5G BAND 1---3 (AVG) 3m 3117 00018892 VERTICAL : RSW 100%, 0000dB VSW 1.1008dB SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5385.06</td><td>45.06</td><td>-8.94</td><td>54.00</td><td>31.49</td><td>35.26</td><td>11.84</td><td>33.53</td><td>199</td><td>63 Average VERTICAL</td></tr></table>					Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg		1	5385.06	45.06	-8.94	54.00	31.49	35.26	11.84	33.53	199	63 Average VERTICAL	Left blank				
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																
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1	5385.06	45.06	-8.94	54.00	31.49	35.26	11.84	33.53	199	63 Average VERTICAL																																	



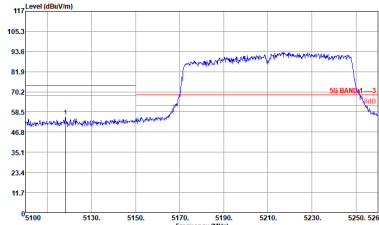
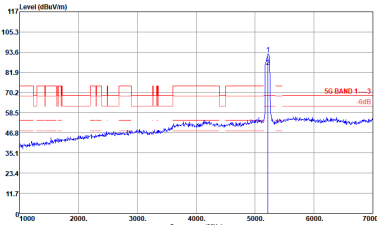
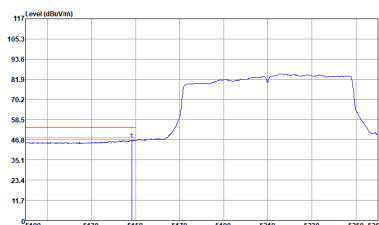
UNII 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	UNII 1 5150~5250MHz Band Edge @ 3m																																																																																				
ANT	802.11ac VHT80 CH42 5210MHz - L																																																																																				
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Peak	 Site Condition : 032805-KS SC BAND 1-----3 3a 3117 00218652 HORIZONTAL RFW 1000.000Hz YFW 3000.000Hz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5145.92</td><td>56.43</td><td>-17.57</td><td>74.00</td><td>44.24</td><td>35.83</td><td>11.68</td><td>34.44</td><td>181</td><td>65 Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	5145.92	56.43	-17.57	74.00	44.24	35.83	11.68	34.44	181	65 Peak	HORIZONTAL	 Site Condition : 032805-KS SC BAND 1-----3 3a 3117 00218652 HORIZONTAL RFW 1000.000Hz YFW 3000.000Hz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5218.00</td><td>92.58</td><td>24.28</td><td>68.38</td><td>79.97</td><td>35.89</td><td>11.67</td><td>34.23</td><td>181</td><td>65 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5218.00</td><td>84.76</td><td>.....</td><td>72.23</td><td>35.89</td><td>11.67</td><td>34.23</td><td>181</td><td>65 Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	5218.00	92.58	24.28	68.38	79.97	35.89	11.67	34.23	181	65 Peak	HORIZONTAL	2	5218.00	84.76		72.23	35.89	11.67	34.23	181	65 Average	HORIZONTAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																													
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2	5218.00	84.76		72.23	35.89	11.67	34.23	181	65 Average	HORIZONTAL																																																																											
Avg.	 Site Condition : 032805-KS SC BAND 1-----3 (ATC) 3a 3117 00218652 HORIZONTAL RFW 1000.000Hz YFW 3.2000Hz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5149.76</td><td>47.65</td><td>-6.35</td><td>54.00</td><td>35.46</td><td>35.83</td><td>11.68</td><td>34.44</td><td>181</td><td>65 Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	5149.76	47.65	-6.35	54.00	35.46	35.83	11.68	34.44	181	65 Average	HORIZONTAL	Left blank																																															
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																													
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1	5149.76	47.65	-6.35	54.00	35.46	35.83	11.68	34.44	181	65 Average	HORIZONTAL																																																																										

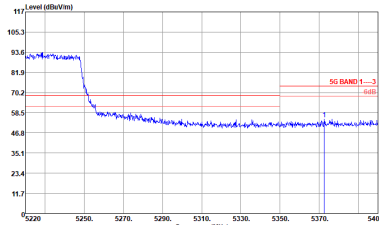
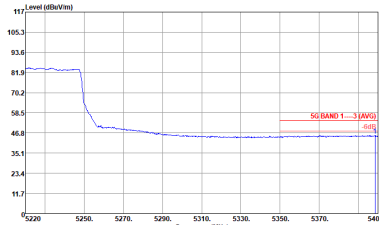


WIFI	UNII 1 5150~5250MHz Band Edge @ 3m																																								
ANT	802.11ac VHT80 CH42 5210MHz - R																																								
1	Horizontal						Fundamental																																		
Peak	 Site Condition : 030805-ES : 5G BAND 1---3 3m 3117 00018882 HORIZONTAL : BW 100K, 000KHz YAW 300K, 000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm</th><th>dB</th><th>dBm</th><th>dBm</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1</td><td>5150.76</td><td>54.36</td><td>-19.64</td><td>74.00</td><td>40.76</td><td>35.27</td><td>11.80</td><td>33.53</td><td>181</td><td>65 Peak</td><td>HORIZONTAL</td></tr></table>						Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dB	dBm	dBm	dB	dB	deg		1	5150.76	54.36	-19.64	74.00	40.76	35.27	11.80	33.53	181	65 Peak	HORIZONTAL	Left blank				
	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																
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1	5150.76	54.36	-19.64	74.00	40.76	35.27	11.80	33.53	181	65 Peak	HORIZONTAL																														
Avg.	 Site Condition : 030805-ES : 5G BAND 1---3 (APD) 3m 3117 00018882 HORIZONTAL : BW 100K, 000KHz YAW 2.200KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm</th><th>dB</th><th>dBm</th><th>dBm</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1</td><td>5151.36</td><td>45.17</td><td>-8.83</td><td>54.00</td><td>31.60</td><td>35.26</td><td>11.84</td><td>33.53</td><td>181</td><td>65 Average</td><td>HORIZONTAL</td></tr></table>						Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dB	dBm	dBm	dB	dB	deg		1	5151.36	45.17	-8.83	54.00	31.60	35.26	11.84	33.53	181	65 Average	HORIZONTAL	Left blank				
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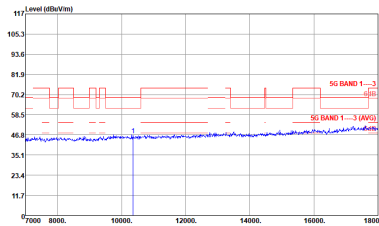
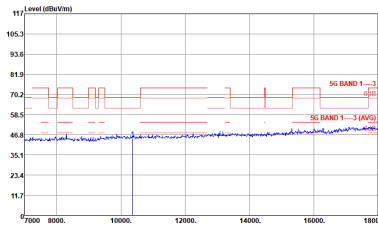
WIFI		UNII 1 5150~5250MHz Band Edge @ 3m																																																																																																				
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1		Vertical					Fundamental																																																																																															
Peak																																																																																																						
	Site Condition : 03/20/15-RS : 5G BAND 1---3 3m 3117 00018652 VERTICAL : RFP 1000.000kHz YFP 3000.000kHz SWT Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5118.24</td><td>55.66</td><td>-18.34</td><td>74.00</td><td>43.64</td><td>35.00</td><td>11.56</td><td>34.54</td><td>389</td><td>281</td><td>Peak</td><td>VERTICAL</td></tr></table>						Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	deg		1	5118.24	55.66	-18.34	74.00	43.64	35.00	11.56	34.54	389	281	Peak	VERTICAL	Site Condition : 03/20/15-RS : 5G BAND 1---3 3m 3117 00018652 VERTICAL : RFP 1000.000kHz YFP 3000.000kHz SWT Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>5218.00</td><td>92.72</td><td>24.42</td><td>68.30</td><td>88.19</td><td>35.89</td><td>11.67</td><td>34.23</td><td>389</td><td>281</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5218.00</td><td>84.98</td><td>-----</td><td>72.45</td><td>35.89</td><td>11.67</td><td>34.23</td><td></td><td>389</td><td>281</td><td>Average</td><td>VERTICAL</td></tr></table>						Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	deg		1 *	5218.00	92.72	24.42	68.30	88.19	35.89	11.67	34.23	389	281	Peak	VERTICAL	2	5218.00	84.98	-----	72.45	35.89	11.67	34.23		389	281	Average
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																														
Freq	Level	Limit	Line	Level Factor	Loss Factor																																																																																																	
MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	deg																																																																																															
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	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																														
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1 *	5218.00	92.72	24.42	68.30	88.19	35.89	11.67	34.23	389	281	Peak	VERTICAL																																																																																										
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Avg.						Left blank																																																																																																
	Site Condition : 03/20/15-RS : 5G BAND 1---3 (AP) 3m 3117 00018652 VERTICAL : RFP 1000.000kHz YFP 2.200kHz SWT Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5148.32</td><td>46.62</td><td>-7.38</td><td>54.00</td><td>34.43</td><td>35.03</td><td>11.69</td><td>34.44</td><td>389</td><td>281</td><td>Average</td><td>VERTICAL</td></tr></table>						Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	deg		1	5148.32	46.62	-7.38	54.00	34.43	35.03	11.69	34.44	389	281	Average	VERTICAL																																																									
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																														
Freq	Level	Limit	Line	Level Factor	Loss Factor																																																																																																	
MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	deg																																																																																															
1	5148.32	46.62	-7.38	54.00	34.43	35.03	11.69	34.44	389	281	Average	VERTICAL																																																																																										



WIFI	UNII 1 5150~5250MHz Band Edge @ 3m																																								
ANT	802.11ac VHT80 CH42 5210MHz - R																																								
1	Vertical					Fundamental																																			
Peak	 Site Condition : 032805-85 : 5G BAND 1---3 3m 3117 00018892 VERTICAL : BW 100K, 000KHz VIEW 300K, 000KHz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5372.64</td><td>54.71</td><td>-19.29</td><td>74.00</td><td>41.28</td><td>35.24</td><td>11.82</td><td>33.63</td><td>389</td><td>201 Peak VERTICAL</td></tr></table>						Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1	5372.64	54.71	-19.29	74.00	41.28	35.24	11.82	33.63	389	201 Peak VERTICAL	Left blank				
		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																															
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg																																
1	5372.64	54.71	-19.29	74.00	41.28	35.24	11.82	33.63	389	201 Peak VERTICAL																															
Avg.	 Site Condition : 032805-85 : 5G BAND 1---3 (AVG) 3m 3117 00018892 VERTICAL : BW 100K, 000KHz VIEW 2.200KHz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5398.56</td><td>45.41</td><td>-8.59</td><td>54.00</td><td>31.81</td><td>35.27</td><td>11.86</td><td>33.53</td><td>389</td><td>201 Average VERTICAL</td></tr></table>						Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1	5398.56	45.41	-8.59	54.00	31.81	35.27	11.86	33.53	389	201 Average VERTICAL	Left blank				
		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																															
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg																																
1	5398.56	45.41	-8.59	54.00	31.81	35.27	11.86	33.53	389	201 Average VERTICAL																															



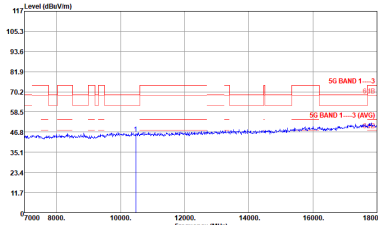
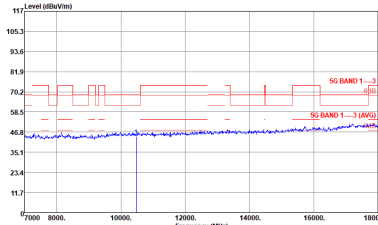
UNII 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII 1 5150~5250MHz Harmonic @ 3m																																																															
ANT	802.11a CH36 5180MHz																																																															
1	Horizontal	Vertical																																																														
Peak Avg.	 Site Condition : 03C305-K5 : 5G BAND 1-3 3m 3117 00218652 HORIZONTAL : 50W 1000.000MHz TWR 3000.000MHz SPT auto <table><tr><th>Freq</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>18356.36</td><td>46.62</td><td>-21.68</td><td>68.39</td><td>32.05</td><td>38.32</td><td>16.93</td><td>68.68</td><td>300</td><td>0 Peak HORIZONTAL</td></tr></table>	Freq	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	Level	Line	Level Factor	Loss Factor	dB	dB	cm	deg		1	18356.36	46.62	-21.68	68.39	32.05	38.32	16.93	68.68	300	0 Peak HORIZONTAL	 Site Condition : 03C305-K5 : 5G BAND 1-3 3m 3117 00218652 VERTICAL : 50W 1000.000MHz TWR 3000.000MHz SPT auto <table><tr><th>Freq</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>18356.36</td><td>44.53</td><td>-23.77</td><td>68.39</td><td>49.96</td><td>38.32</td><td>16.93</td><td>68.68</td><td>300</td><td>0 Peak VERTICAL</td></tr></table>	Freq	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	Level	Line	Level Factor	Loss Factor	dB	dB	cm	deg		1	18356.36	44.53	-23.77	68.39	49.96	38.32	16.93	68.68	300	0 Peak VERTICAL
	Freq	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																						
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1	18356.36	46.62	-21.68	68.39	32.05	38.32	16.93	68.68	300	0 Peak HORIZONTAL																																																						
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MHz	Level	Line	Level Factor	Loss Factor	dB	dB	cm	deg																																																								
1	18356.36	44.53	-23.77	68.39	49.96	38.32	16.93	68.68	300	0 Peak VERTICAL																																																						



WIFI	UNII 1 5150~5250MHz Harmonic @ 3m																																																																			
ANT	802.11a CH44 5220MHz																																																																			
1	Horizontal	Vertical																																																																		
Peak Avg.	Site : 03CB05-RS Condition : 5G BAND 1-3 @ 5117 00210852 HORIZONTAL RFW 1000.000KHz YSW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10430.44</td><td>45.13</td><td>-23.17</td><td>66.30</td><td>58.41</td><td>58.35</td><td>17.83</td><td>68.66</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1 10430.44	45.13	-23.17	66.30	58.41	58.35	17.83	68.66	300	0 Peak	HORIZONTAL	Site : 03CB05-RS Condition : 5G BAND 1-3 @ 5117 00210852 VERTICAL RFW 1000.000KHz YSW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10430.44</td><td>44.49</td><td>-23.81</td><td>68.30</td><td>49.77</td><td>38.35</td><td>17.83</td><td>68.66</td><td>300</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1 10430.44	44.49	-23.81	68.30	49.77	38.35	17.83	68.66	300	0 Peak	VERTICAL
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg																																																												
1 10430.44	45.13	-23.17	66.30	58.41	58.35	17.83	68.66	300	0 Peak	HORIZONTAL																																																										
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg																																																												
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WIFI	UNII 1 5150~5250MHz Harmonic @ 3m																																																																									
ANT	802.11a CH48 5240MHz																																																																									
1	Horizontal	Vertical																																																																								
Peak	 Site Condition : 032005-RS : 5G BAND 1-3 @ 1117 00010652 HORIZONTAL : REF: 1000.000KHz VSW: 3000.000KHz SWT: Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBm/Hz</th><th>dB</th><th>dBm/Hz</th><th>dBm/Hz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>10478.47</td><td>45.85</td><td>-22.45</td><td>68.30</td><td>51.85</td><td>38.36</td><td>17.89</td><td>69.65</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>		Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBm/Hz	dB	dBm/Hz	dBm/Hz	dB	dB	cm	deg			1	10478.47	45.85	-22.45	68.30	51.85	38.36	17.89	69.65	300	0 Peak	HORIZONTAL	 Site Condition : 032005-RS : 5G BAND 1-3 @ 1117 00010652 VERTICAL : REF: 1000.000KHz VSW: 3000.000KHz SWT: Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBm/Hz</th><th>dB</th><th>dBm/Hz</th><th>dBm/Hz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>10478.47</td><td>44.37</td><td>-23.93</td><td>68.30</td><td>49.57</td><td>38.36</td><td>17.89</td><td>69.65</td><td>300</td><td>0 Peak</td><td>VERTICAL</td></tr></table>		Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBm/Hz	dB	dBm/Hz	dBm/Hz	dB	dB	cm	deg			1	10478.47	44.37	-23.93	68.30	49.57	38.36	17.89	69.65	300	0 Peak	VERTICAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																															
	MHz	dBm/Hz	dB	dBm/Hz	dBm/Hz	dB	dB	cm	deg																																																																	
1	10478.47	45.85	-22.45	68.30	51.85	38.36	17.89	69.65	300	0 Peak	HORIZONTAL																																																															
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1	10478.47	44.37	-23.93	68.30	49.57	38.36	17.89	69.65	300	0 Peak	VERTICAL																																																															
Avg.																																																																										



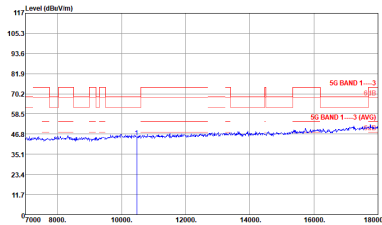
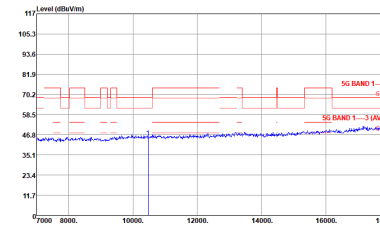
UNII 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	UNII 1 5150~5250MHz Harmonic @ 3m																																																																															
ANT	802.11n HT20 CH36 5180MHz																																																																															
1	Horizontal	Vertical																																																																														
Peak Avg.	Site Condition : 002000-45 : 5G BAND 1-3 3m 3117 00218662 HORIZONTAL : REF: 1000.000KHz YFW: 3000.000KHz SWT: Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>cm</th><th>deg</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10358.36</td><td>45.39</td><td>-23.89</td><td>68.38</td><td>59.73</td><td>38.32</td><td>16.93</td><td>68.68</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor	cm	deg	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg	1	10358.36	45.39	-23.89	68.38	59.73	38.32	16.93	68.68	300	0 Peak	HORIZONTAL	Site Condition : 002000-45 : 5G BAND 1-3 3m 3117 00218662 VERTICAL : REF: 1000.000KHz YFW: 3000.000KHz SWT: Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>cm</th><th>deg</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10358.36</td><td>44.39</td><td>-23.91</td><td>68.38</td><td>49.82</td><td>38.32</td><td>16.93</td><td>68.68</td><td>300</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor	cm	deg	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg	1	10358.36	44.39	-23.91	68.38	49.82	38.32	16.93	68.68	300	0 Peak	VERTICAL
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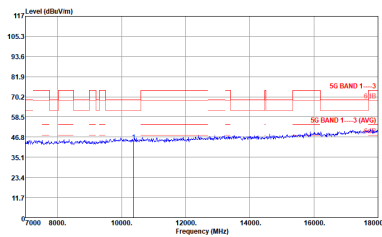
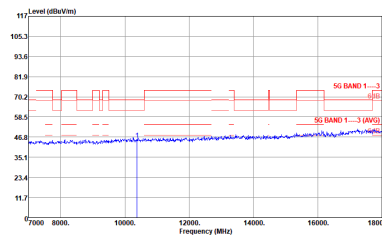


WIFI	UNII 1 5150~5250MHz Harmonic @ 3m																																																																			
ANT	802.11n HT20 CH44 5220MHz																																																																			
1	Horizontal	Vertical																																																																		
Peak	Site : 03CB05-RS Condition : 5G BAND 1-3 @ 5117 00210802 HORIZONTAL RFW 1000.000KHz YSW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10430.44</td><td>46.69</td><td>-21.61</td><td>66.30</td><td>51.97</td><td>58.35</td><td>17.83</td><td>69.66</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	cm	deg			1 10430.44	46.69	-21.61	66.30	51.97	58.35	17.83	69.66	300	0 Peak	HORIZONTAL	Site : 03CB05-RS Condition : 5G BAND 1-3 @ 5117 00210802 VERTICAL RFW 1000.000KHz YSW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10430.44</td><td>44.68</td><td>-23.62</td><td>68.30</td><td>49.96</td><td>56.35</td><td>17.83</td><td>69.66</td><td>300</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	cm	deg			1 10430.44	44.68	-23.62	68.30	49.96	56.35	17.83	69.66	300	0 Peak	VERTICAL
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WIFI	UNII 1 5150~5250MHz Harmonic @ 3m																																																																									
ANT	802.11n HT20 CH48 5240MHz																																																																									
1	Horizontal	Vertical																																																																								
Peak	 Site Condition : 03/20/15 : 5G BAND 1-3 @ 1117 00210000 HORIZONTAL : REF 1000.000kHz REF 3000.000kHz SWT Auto <table><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>(MHz)</th><th>(dBuV/m)</th><th>(dB)</th><th>(dBuV/m)</th><th>(dB)</th><th>(dB)</th><th>(dB)</th><th>(cm)</th><th>(deg)</th><th></th><th></th></tr><tr><td>1</td><td>10478.47</td><td>44.82</td><td>-23.48</td><td>68.30</td><td>58.82</td><td>38.36</td><td>17.89</td><td>68.65</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Peak	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	(dB)	(dB)	(cm)	(deg)			1	10478.47	44.82	-23.48	68.30	58.82	38.36	17.89	68.65	300	0 Peak	HORIZONTAL	 Site Condition : 03/20/15 : 5G BAND 1-3 @ 1117 00210000 VERTICAL : REF 1000.000kHz REF 3000.000kHz SWT Auto <table><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>(MHz)</th><th>(dBuV/m)</th><th>(dB)</th><th>(dBuV/m)</th><th>(dB)</th><th>(dB)</th><th>(dB)</th><th>(cm)</th><th>(deg)</th><th></th><th></th></tr><tr><td>1</td><td>10478.47</td><td>45.19</td><td>-23.11</td><td>68.30</td><td>58.39</td><td>38.36</td><td>17.89</td><td>68.65</td><td>300</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Peak	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	(dB)	(dB)	(cm)	(deg)			1	10478.47	45.19	-23.11	68.30	58.39	38.36	17.89	68.65	300	0 Peak	VERTICAL
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UNII 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

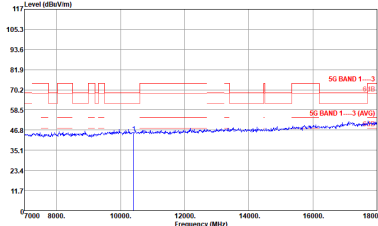
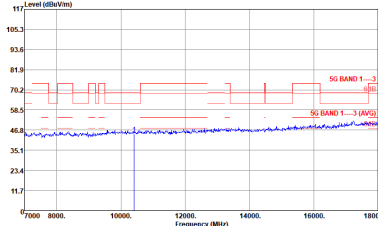
WIFI	UNII 1 5150~5250MHz Harmonic @ 3m																																																																									
ANT	802.11n HT40 CH38 5190MHz																																																																									
1	Horizontal	Vertical																																																																								
Peak Avg.	 Site Condition : EX200-43 SG BAND 1-----3 3m 3117 00218652 HORIZONTAL BW: 1000.000kHz YWP: 3000.000kHz SW: Auto <table><thead><tr><th>Over</th><th>Level</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 18378.38</td><td>44.22</td><td>-24.88</td><td>68.38</td><td>49.59</td><td>38.33</td><td>16.97</td><td>68.67</td><td>100</td></tr></tbody></table> 368 Peak HORIZONTAL	Over	Level	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level	Factor	Loss	Factor		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1 18378.38	44.22	-24.88	68.38	49.59	38.33	16.97	68.67	100	 Site Condition : EX200-43 SG BAND 1-----3 3m 3117 00218652 VERTICAL BW: 1000.000kHz YWP: 3000.000kHz SW: Auto <table><thead><tr><th>Over</th><th>Level</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 18378.38</td><td>45.35</td><td>-22.95</td><td>68.38</td><td>50.72</td><td>38.33</td><td>16.97</td><td>68.67</td><td>100</td></tr></tbody></table> 368 Peak VERTICAL	Over	Level	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level	Factor	Loss	Factor		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1 18378.38	45.35	-22.95	68.38	50.72	38.33	16.97	68.67	100
	Over	Level	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																	
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WIFI	UNII 1 5150~5250MHz Harmonic @ 3m																																																																			
ANT	802.11n HT40 CH46 5230MHz																																																																			
1	Horizontal	Vertical																																																																		
Peak	Site : 032805-RS Condition : 5G BAND 1-3 2m 0117 00210652 HORIZONTAL REF: 1000.000KHz YSW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10458.46</td><td>44.66</td><td>-23.64</td><td>68.39</td><td>49.92</td><td>38.35</td><td>17.85</td><td>68.66</td><td>100</td><td>368 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	cm	deg			1 10458.46	44.66	-23.64	68.39	49.92	38.35	17.85	68.66	100	368 Peak	HORIZONTAL	Site : 032805-RS Condition : 5G BAND 1-3 2m 0117 00210652 VERTICAL REF: 1000.000KHz YSW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10458.46</td><td>44.66</td><td>-23.64</td><td>68.39</td><td>49.92</td><td>38.35</td><td>17.85</td><td>68.66</td><td>100</td><td>368 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	cm	deg			1 10458.46	44.66	-23.64	68.39	49.92	38.35	17.85	68.66	100	368 Peak	VERTICAL
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
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Avg.																																																																				



UNII 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

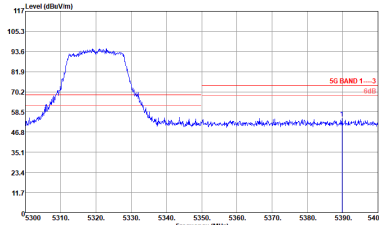
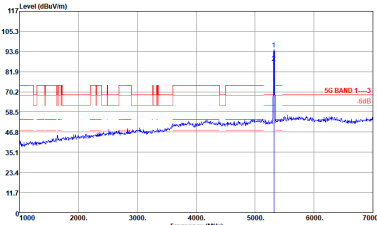
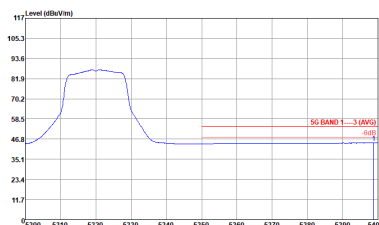
WIFI	UNII 1 5150~5250MHz Harmonic @ 3m																																																																															
ANT	802.11ac VHT80 CH42 5210MHz																																																																															
1	Horizontal	Vertical																																																																														
Peak Avg.	 Site Condition : 03C305-K5 : SG BAND 1-3 3m 3117 00218652 HORIZONTAL : EHP 1000.000Hz YWP 3000.000Hz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10418.42</td><td>45.04</td><td>-23.26</td><td>68.30</td><td>50.36</td><td>38.34</td><td>17.01</td><td>60.67</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level	Factor	Loss			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1	10418.42	45.04	-23.26	68.30	50.36	38.34	17.01	60.67	300	0 Peak	HORIZONTAL	 Site Condition : 03C305-K5 : SG BAND 1-3 3m 3117 00218652 VERTICAL : EHP 1000.000Hz YWP 3000.000Hz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10418.42</td><td>44.70</td><td>-23.68</td><td>68.38</td><td>50.02</td><td>38.34</td><td>17.01</td><td>60.67</td><td>300</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level	Factor	Loss			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1	10418.42	44.70	-23.68	68.38	50.02	38.34	17.01	60.67	300	0 Peak	VERTICAL
	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																							
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1	10418.42	45.04	-23.26	68.30	50.36	38.34	17.01	60.67	300	0 Peak	HORIZONTAL																																																																					
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UNII 2A - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

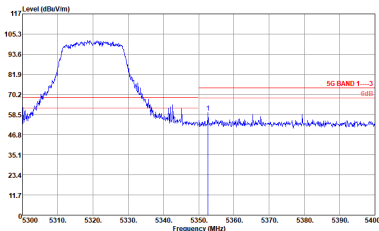
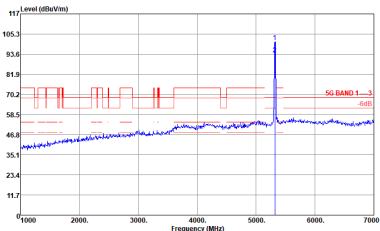
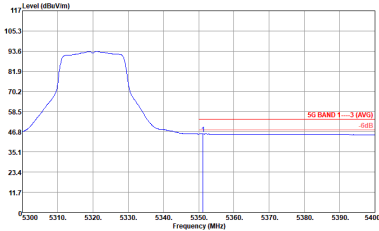
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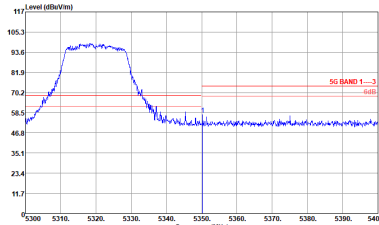
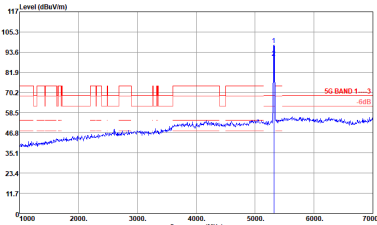
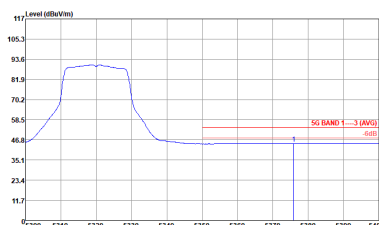
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UNII 2A 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

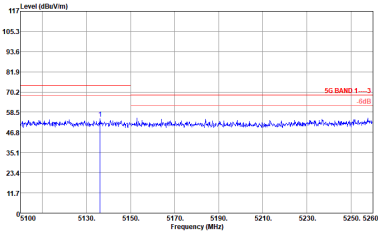
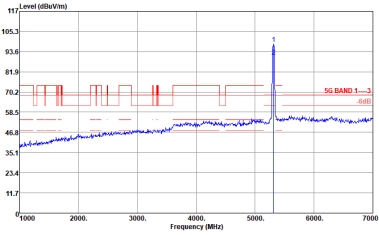
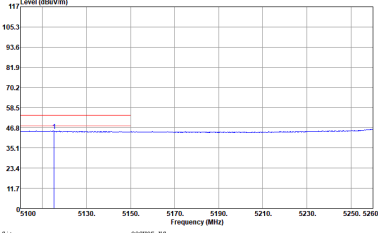
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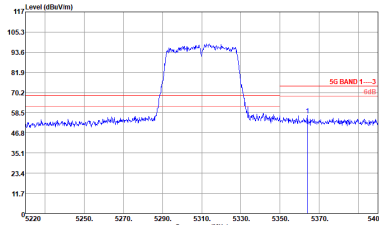
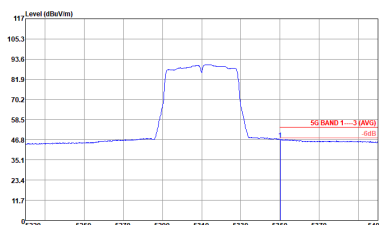
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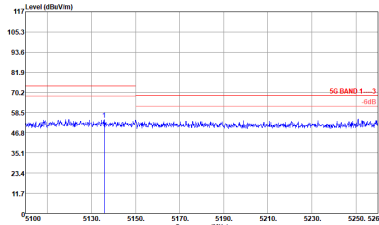
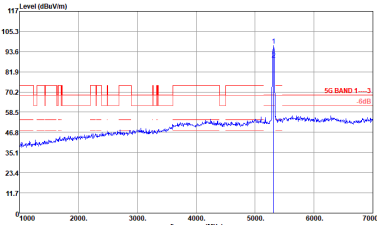
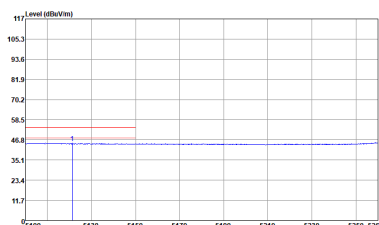
UNII 2A 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	UNII 2A 5250~5350MHz Band Edge @ 3m																																																																																													
ANT	802.11n HT40 CH62 5310 - L																																																																																													
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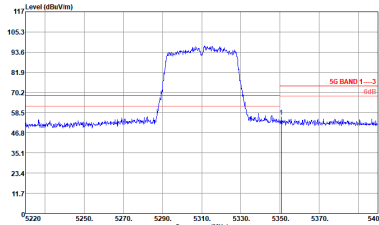
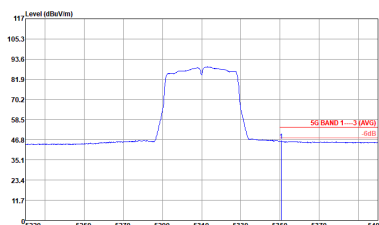


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ANT	802.11n HT40 CH62 5310 - R																																
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Peak	 Site Condition : 030805-KS : 5G BAND 1---3 3m 3117 00018882 HORIZONTAL : RSW 100%, 000000dB YAW 3000, 000000dB SWT Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Line Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz dBm/100kHz</th><th>dB dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 5304.00</td><td>57.06 -16.94</td><td>74.00</td><td>43.63</td><td>35.24</td><td>11.82</td><td>33.63</td><td>174</td><td>312 Peak</td><td>HORIZONTAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	Line Level Factor	Loss Factor					MHz dBm/100kHz	dB dBm/100kHz	dB	dB	cm	deg		1 5304.00	57.06 -16.94	74.00	43.63	35.24	11.82	33.63	174	312 Peak	HORIZONTAL	Left blank
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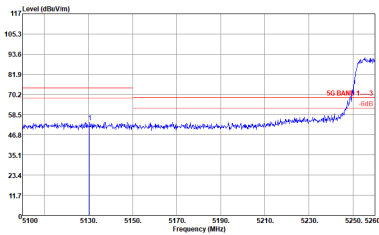
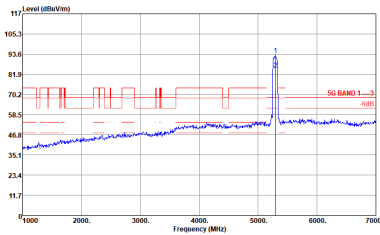
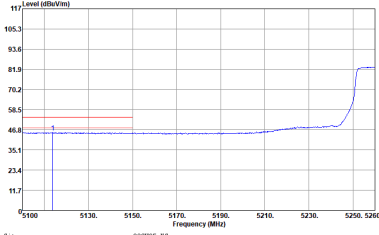
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Peak	 Site Condition : 030805-KS : 5G BAND 1---3 3m 3117 00018682 VERTICAL : RSW 100%, 000000dB YAW 3000, 000000dB SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5308.68</td><td>55.92</td><td>-18.88</td><td>74.00</td><td>42.53</td><td>35.22</td><td>11.80</td><td>33.63</td><td>382</td><td>272</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	1	5308.68	55.92	-18.88	74.00	42.53	35.22	11.80	33.63	382	272	Peak	VERTICAL	Left blank
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																															
Freq	Level	Line	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg																																
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Avg.	 Site Condition : 030805-KS : 5G BAND 1---3 (AVG) 3m 3117 00018682 VERTICAL : RSW 100%, 000000dB YAW 1.100000dB SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5308.68</td><td>46.28</td><td>-7.72</td><td>54.00</td><td>32.89</td><td>35.22</td><td>11.80</td><td>33.63</td><td>382</td><td>272</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	1	5308.68	46.28	-7.72	54.00	32.89	35.22	11.80	33.63	382	272	Average	VERTICAL	Left blank
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																
Freq	Level	Line	Level Factor	Loss Factor																																			
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UNII 2A 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI		UNII 2A 5250~5350MHz Band Edge @ 3m																																																																																						
ANT		802.11ac VHT80 CH58 5290MHz - L																																																																																						
1	Horizontal	Fundamental																																																																																						
Peak	 Site Condition : 032805-KS : SC BAND 1-----3 3a 3117 00218662 HORIZONTAL : REF 1000.000Hz YFW 3000.000Hz SWT Auto <table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>5130.56</td><td>54.22</td><td>-19.78</td><td>74.00</td><td>42.17</td><td>35.01</td><td>11.58</td><td>34.54</td><td>127</td><td>16</td><td>Peak</td><td>HORIZONTAL</td></tr></tbody></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	5130.56	54.22	-19.78	74.00	42.17	35.01	11.58	34.54	127	16	Peak	HORIZONTAL	 Site Condition : 032805-KS : SC BAND 1-----3 3a 3117 00218662 HORIZONTAL : REF 1000.000Hz YFW 3000.000Hz SWT Auto <table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>5290.00</td><td>93.08</td><td>24.00</td><td>69.08</td><td>89.18</td><td>35.18</td><td>11.75</td><td>33.93</td><td>127</td><td>16</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5290.00</td><td>84.81</td><td>-----</td><td>71.81</td><td>35.18</td><td>11.75</td><td>33.93</td><td>127</td><td>16</td><td>Average</td><td>HORIZONTAL</td></tr></tbody></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	5290.00	93.08	24.00	69.08	89.18	35.18	11.75	33.93	127	16	Peak	HORIZONTAL	2	5290.00	84.81	-----	71.81	35.18	11.75	33.93	127	16	Average	HORIZONTAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																
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1	5130.56	54.22	-19.78	74.00	42.17	35.01	11.58	34.54	127	16	Peak	HORIZONTAL																																																																												
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Avg.	 Site Condition : 032805-KS : SC BAND 1-----3 (ATC) 3a 3117 00218662 HORIZONTAL : REF 1000.000Hz YFW 3.2000Hz SWT Auto <table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>5113.76</td><td>45.18</td><td>-8.82</td><td>54.00</td><td>33.26</td><td>35.00</td><td>11.56</td><td>34.64</td><td>127</td><td>16</td><td>Average</td><td>HORIZONTAL</td></tr></tbody></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	5113.76	45.18	-8.82	54.00	33.26	35.00	11.56	34.64	127	16	Average	HORIZONTAL	Left blank																																																	
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																	
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WIFI

ANT

UNII 2A 5250~5350MHz Band Edge @ 3m

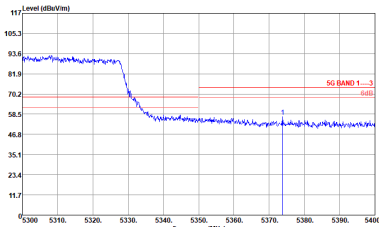
802.11ac VHT80 CH58 5290MHz - R

1

Horizontal

Fundamental

Peak

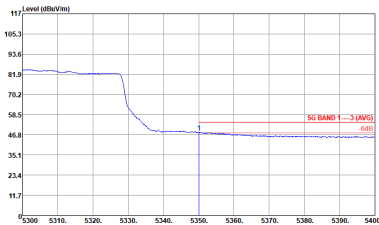


Site : 03X005-K5
Condition : SG BAND 1----3 3a 3117 00218652 HORIZONTAL
RFW 1000.000MHz YBW 1000.000MHz SW Auto

Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			
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Avg.

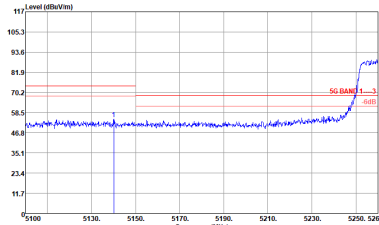
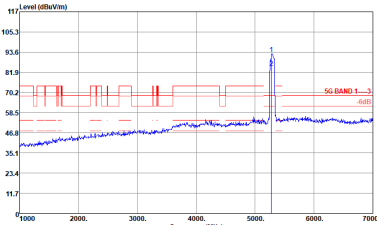
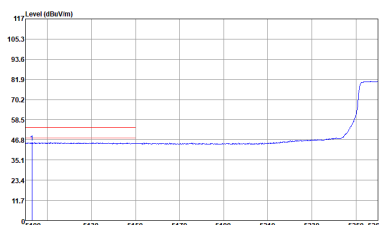


Site : 03X005-K5
Condition : SG BAND 1----3 (AP5) 3a 3117 00218652 HORIZONTAL
RFW 1000.000MHz YBW 2.200MHz SW Auto

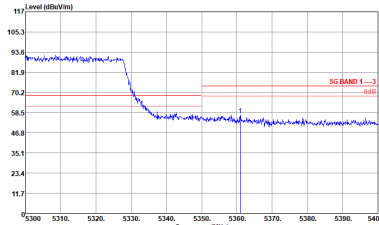
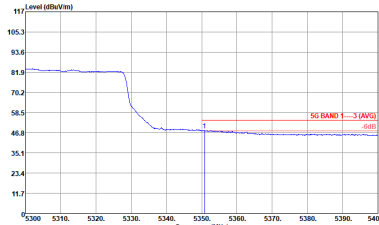
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			
1	5350.18	48.36	-5.78	54.00	34.91	35.22	11.88	33.63	127	16 Average	HORIZONTAL

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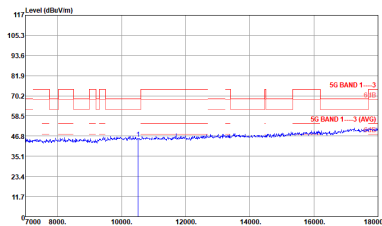
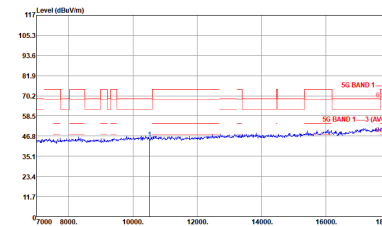
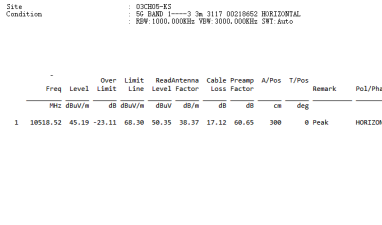
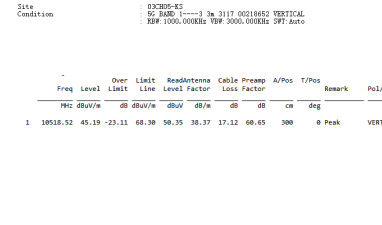


WIFI	UNII 2A 5250~5350MHz Band Edge @ 3m																																																																																										
ANT	802.11ac VHT80 CH58 5290MHz - L																																																																																										
1	Vertical	Fundamental																																																																																									
Peak	 Site Condition : 03/20/15-RS : 5G BAND 1---3 3m 3117 00018882 VERTICAL : RFP 1000.000MHz YFP 3000.000MHz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5140.16</td><td>54.66</td><td>-19.34</td><td>74.00</td><td>42.57</td><td>35.83</td><td>11.60</td><td>34.54</td><td>317</td><td>273</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1	5140.16	54.66	-19.34	74.00	42.57	35.83	11.60	34.54	317	273	Peak	VERTICAL	 Site Condition : 03/20/15-RS : 5G BAND 1---3 3m 3117 00018882 VERTICAL : RFP 1000.000MHz YFP 3000.000MHz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 *</td><td>5278.00</td><td>92.42</td><td>24.32</td><td>68.30</td><td>79.66</td><td>35.16</td><td>11.73</td><td>33.93</td><td>317</td><td>273</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5278.00</td><td>84.53</td><td>.....</td><td>.....</td><td>71.57</td><td>35.16</td><td>11.73</td><td>33.93</td><td>317</td><td>273</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1 *	5278.00	92.42	24.32	68.30	79.66	35.16	11.73	33.93	317	273	Peak	VERTICAL	2	5278.00	84.53			71.57	35.16	11.73	33.93	317	273	Average	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																			
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Avg.	 Site Condition : 03/20/15-RS : 5G BAND 1---3 (AP) 3m 3117 00018882 VERTICAL : RFP 1000.000MHz YFP 2.200MHz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5183.04</td><td>45.29</td><td>-8.71</td><td>54.00</td><td>33.41</td><td>34.90</td><td>11.54</td><td>34.64</td><td>317</td><td>273</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1	5183.04	45.29	-8.71	54.00	33.41	34.90	11.54	34.64	317	273	Average	VERTICAL	Left blank																																																			
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WIFI	UNII 2A 5250~5350MHz Band Edge @ 3m																																								
ANT	802.11ac VHT80 CH58 5290MHz - R																																								
1	Vertical						Fundamental																																		
Peak	 Site Condition : 03/28/2015-15 : 5G BAND 1-3 @ 3117 00018682 VERTICAL : BW 100K, 000KHz, VSW 300K, 000KHz, SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5361.00</td><td>57.10</td><td>-16.98</td><td>74.08</td><td>43.67</td><td>35.24</td><td>11.82</td><td>33.63</td><td>317</td><td>273 Peak</td><td>VERTICAL</td></tr></table>						Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg		1	5361.00	57.10	-16.98	74.08	43.67	35.24	11.82	33.63	317	273 Peak	VERTICAL	Left blank				
	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																
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Avg.	 Site Condition : 03/28/2015-15 : 5G BAND 1-3 (AVG) @ 3117 00018682 VERTICAL : BW 100K, 000KHz, VSW 2.200KHz, SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5358.00</td><td>46.21</td><td>-5.79</td><td>54.00</td><td>34.82</td><td>35.22</td><td>11.80</td><td>33.63</td><td>317</td><td>273 Average</td><td>VERTICAL</td></tr></table>						Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg		1	5358.00	46.21	-5.79	54.00	34.82	35.22	11.80	33.63	317	273 Average	VERTICAL	Left blank				
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UNII 2A - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII 2A 5250~5350MHz Harmonic @ 3m																																																																			
ANT	802.11a CH52 5260MHz																																																																			
1	Horizontal	Vertical																																																																		
Peak Avg.	 Site : 03C805-KS Condition : 52 BAND 1---3 3m 9117 002186G3 HORIZONTAL SFW 1000.0000Hz TWP 3000.0000Hz SWT Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1 18518.52</td><td>45.19</td><td>-23.11</td><td>68.30</td><td>50.35</td><td>38.37</td><td>17.12</td><td>68.65</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1 18518.52	45.19	-23.11	68.30	50.35	38.37	17.12	68.65	300	0 Peak	HORIZONTAL	 Site : 03C805-KS Condition : 52 BAND 1---3 3m 9117 002186G3 VERTICAL SFW 1000.0000Hz TWP 3000.0000Hz SWT Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1 18518.52</td><td>45.19</td><td>-23.11</td><td>68.30</td><td>50.35</td><td>38.37</td><td>17.12</td><td>68.65</td><td>300</td><td>0 Peak</td><td>VERTICAL</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1 18518.52	45.19	-23.11	68.30	50.35	38.37	17.12	68.65	300	0 Peak	VERTICAL
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Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
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WIFI

UNII 2A 5250~5350MHz Harmonic @ 3m

ANT

802.11a CH60 5300MHz

1

Horizontal

Vertical

Site : 03C05-K2
Condition : 5G BAND 1-3 3m 3117 00218652 HORIZONTAL
ISW 1000.000Hz TSW 1000.000Hz SW Auto

Site : 03C05-K2
Condition : 5G BAND 1-3 3m 3117 00218652 VERTICAL
ISW 1000.000Hz TSW 1000.000Hz SW Auto

Peak

Avg.

Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg
1 18000.01	45.71	-29.29	74.00	59.77	38.40	17.17	69.63	300	0 Peak HORIZONTAL

Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg
1 18000.01	44.36	-29.64	74.00	49.42	38.40	17.17	69.63	300	0 Peak VERTICAL

WIFI UNII 2A 5250~5350MHz Harmonic @ 3m

ANT 802.11a CH64 5320MHz

1

Horizontal

Vertical

Site : 03C05-K2
Condition : SG BAND 1---3 3m 3117 00218652 00218652
SEW 1000.000Hz TOW 1000.000Hz SW Auto

Site : 03C05-K2
Condition : SG BAND 1---3 3m 3117 00218652 00218652
SEW 1000.000Hz TOW 1000.000Hz SW Auto

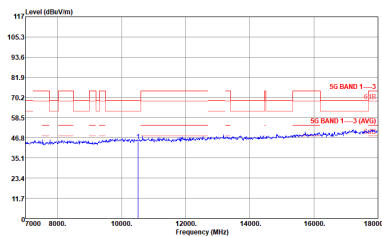
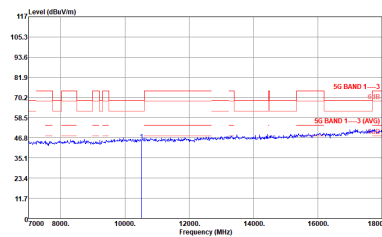
Peak

Avg.

Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg
1 18038.63	44.59	-29.41	74.00	49.69	38.41	17.28	68.62	300	0 Peak HORIZONTAL

Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg
1 18038.63	45.49	-28.51	74.00	50.58	38.41	17.28	68.62	300	0 Peak VERTICAL

UNII 2A 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	UNII 2A 5250~5350MHz Harmonic @ 3m																																																																	
ANT	802.11n HT20 CH52 5260MHz																																																																	
1	Horizontal	Vertical																																																																
Peak Avg.	 Site Condition : 002005-42 : 5G BAND 1-3 3m 3117 00218662 HORIZONTAL : REF: 1000.000MHz TWP: 3000.000MHz SWT: Auto <table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 18518.52</td><td>45.88</td><td>-23.22</td><td>68.38</td><td>58.24</td><td>38.37</td><td>17.12 68.65 300</td><td>0 Peak HORIZONTAL</td></tr></tbody></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1 18518.52	45.88	-23.22	68.38	58.24	38.37	17.12 68.65 300	0 Peak HORIZONTAL	 Site Condition : 002005-42 : 5G BAND 1-3 3m 3117 00218662 VERTICAL : REF: 1000.000MHz TWP: 3000.000MHz SWT: Auto <table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 18518.52</td><td>45.84</td><td>-23.26</td><td>68.38</td><td>58.28</td><td>38.37</td><td>17.12 68.65 300</td><td>0 Peak VERTICAL</td></tr></tbody></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1 18518.52	45.84	-23.26	68.38	58.28	38.37	17.12 68.65 300	0 Peak VERTICAL
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WIFI

UNII 2A 5250~5350MHz Harmonic @ 3m

ANT

802.11n HT20 CH60 5300MHz

1

Horizontal

Vertical

Horizontal Peak Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot displays a red trace for the signal and a blue trace for the noise floor. The signal is labeled 'SG BAND 1---3' and the noise floor is labeled 'SG BAND 1---3 (AVG)'. The frequency range is from 7000 to 18000 MHz, and the level range is from 19.7 to 117 dBuV/m.

Site : 03C05-K2

Condition : SG BAND 1---3 3a 3117 00218652 HUR120RTAL

ISW 1000.000Hz TSW 1000.000Hz SW Auto

Horizontal Avg Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot displays a red trace for the signal and a blue trace for the noise floor. The signal is labeled 'SG BAND 1---3' and the noise floor is labeled 'SG BAND 1---3 (AVG)'. The frequency range is from 7000 to 18000 MHz, and the level range is from 19.7 to 117 dBuV/m.

Site : 03C05-K2

Condition : SG BAND 1---3 3a 3117 00218652 VERTICAL

ISW 1000.000Hz TSW 1000.000Hz SW Auto

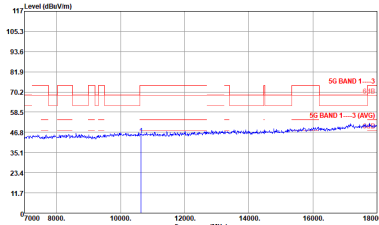
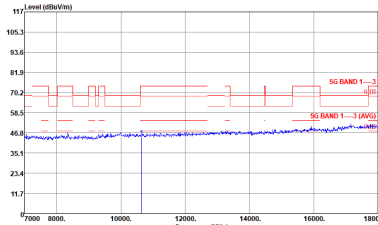
Peak

Avg.

Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg
1 18000.01	45.02	-28.98	74.00	50.08	38.40	17.17	68.63	300	0 Peak HORIZONTAL

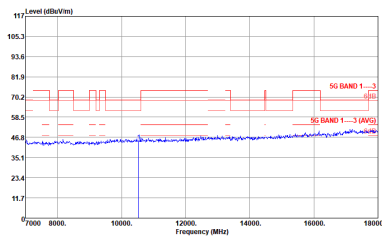
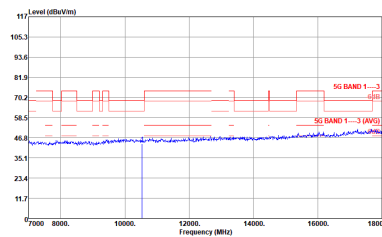
Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg
1 18000.01	45.10	-28.90	74.00	50.16	38.40	17.17	68.63	300	0 Peak VERTICAL



WIFI	UNII 2A 5250~5350MHz Harmonic C @ 3m																																																																			
ANT	802.11n HT20 CH64 5320MHz																																																																			
1	Horizontal	Vertical																																																																		
Peak Avg.	 Site Condition : 037805-RS : 5G BAND 1---3 2m 0117 00210450 HORIZONTAL : REF 1000.000kHz YES 3000.000kHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>18618.63</td><td>45.24</td><td>-28.76</td><td>74.00</td><td>58.25</td><td>58.43</td><td>17.28</td><td>68.62</td><td>300</td><td>0 Peak HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1	18618.63	45.24	-28.76	74.00	58.25	58.43	17.28	68.62	300	0 Peak HORIZONTAL	 Site Condition : 037805-RS : 5G BAND 1---3 2m 0117 00210450 VERTICAL : REF 1000.000kHz YES 3000.000kHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>18618.63</td><td>44.28</td><td>-29.08</td><td>74.00</td><td>49.23</td><td>58.43</td><td>17.28</td><td>68.62</td><td>300</td><td>0 Peak VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1	18618.63	44.28	-29.08	74.00	49.23	58.43	17.28	68.62	300	0 Peak VERTICAL
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UNII 2A 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	UNII 2A 5250~5350MHz Harmonic @ 3m																																																																																	
ANT	802.11n HT40 CH54 5270																																																																																	
1	Horizontal	Vertical																																																																																
Peak Avg.	 Site Condition 0XC8D5-RS 5G BAND 1-3 3m 3117 00218652 HORIZONTAL REF: 1000.000Hz TWP: 3000.000Hz SWT: Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10538.54</td><td>44.21</td><td>-24.89</td><td>68.39</td><td>49.34</td><td>38.38</td><td>17.13</td><td>68.64</td><td>100</td><td>360</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor			MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg	1	10538.54	44.21	-24.89	68.39	49.34	38.38	17.13	68.64	100	360	Peak	HORIZONTAL	 Site Condition 0XC8D5-RS 5G BAND 1-3 3m 3117 00218652 VERTICAL REF: 1000.000Hz TWP: 3000.000Hz SWT: Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10538.54</td><td>43.19</td><td>-25.11</td><td>68.39</td><td>48.32</td><td>38.38</td><td>17.13</td><td>68.64</td><td>100</td><td>360</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor			MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg	1	10538.54	43.19	-25.11	68.39	48.32	38.38	17.13	68.64	100	360	Peak	VERTICAL
	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																									
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WIFI

UNII 2A 5250~5350MHz Harmonic @ 3m

ANT

802.11n HT40 CH62 5310

1

Horizontal

Vertical

Site : 000000-02
Condition : SG BAND 1----3 3a 3117 00218652 HORIZONTAL
RFW 1000,000Hz RFW 3000,000Hz SWT Auto

Site : 000000-02
Condition : SG BAND 1----3 3a 3117 00218652 VERTICAL
RFW 1000,000Hz RFW 3000,000Hz SWT Auto

Peak

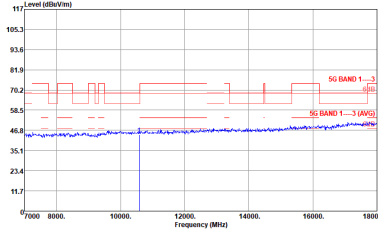
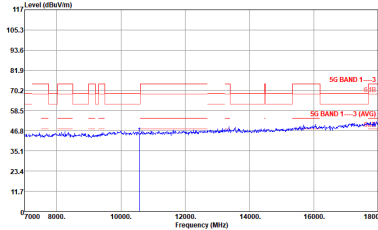
Avg.

		Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	10018.62	44.67	-29.13	74.00	49.99	38.41	17.18	68.62	100	360 Peak
										HORIZONTAL

		Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	10018.62	44.61	-29.59	74.00	49.64	38.41	17.18	68.62	100	360 Peak
										VERTICAL



UNII 2A 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	UNII 2A 5250~5350MHz Harmonic @ 3m																																																																											
ANT	802.11ac VHT80 CH58 5290MHz																																																																											
1	Horizontal	Vertical																																																																										
Peak	 Site Condition 03C8D5-RS 5G BAND 1-3 3m 3117 00218652 HORIZONTAL REF 1000.000MHz TWP 3000.000MHz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10578.58</td><td>44.38</td><td>-23.92</td><td>68.38</td><td>49.47</td><td>38.39</td><td>17.15</td><td>68.63</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1	10578.58	44.38	-23.92	68.38	49.47	38.39	17.15	68.63	300	0 Peak	HORIZONTAL	 Site Condition 03C8D5-RS 5G BAND 1-3 3m 3117 00218652 VERTICAL REF 1000.000MHz TWP 3000.000MHz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10578.58</td><td>44.61</td><td>-23.69</td><td>68.38</td><td>49.70</td><td>38.39</td><td>17.15</td><td>68.63</td><td>300</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1	10578.58	44.61	-23.69	68.38	49.70	38.39	17.15	68.63	300	0 Peak	VERTICAL
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																					
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Avg.																																																																												



UNII 2C - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI		UNII 2C 5470~5725MHz Band Edge @ 3m																																																																																							
ANT		802.11a CH100 5500MHz																																																																																							
1	Horizontal	Fundamental																																																																																							
Peak	Site Condition : 03C305-K5 : 5G BAND 1-3 3m 3117 00218652 HORIZONTAL : REF: 1000.0000Hz FEM 3000.0000Hz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5495.64</td><td>57.32</td><td>-16.68</td><td>76.00</td><td>43.32</td><td>35.32</td><td>11.93</td><td>33.23</td><td>170</td><td>305 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5495.64</td><td>56.67</td><td>-11.63</td><td>68.30</td><td>42.63</td><td>35.34</td><td>11.93</td><td>33.23</td><td>170</td><td>305 Peak</td><td>HORIZONTAL</td></tr></table>		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg		1	5495.64	57.32	-16.68	76.00	43.32	35.32	11.93	33.23	170	305 Peak	HORIZONTAL	2	5495.64	56.67	-11.63	68.30	42.63	35.34	11.93	33.23	170	305 Peak	HORIZONTAL	Site Condition : 03C305-K5 : 5G BAND 1-3 3m 3117 00218652 HORIZONTAL : REF: 1000.0000Hz FEM 3000.0000Hz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5500.00</td><td>100.95</td><td>32.65</td><td>68.30</td><td>66.74</td><td>35.37</td><td>11.96</td><td>33.12</td><td>170</td><td>305 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5500.00</td><td>93.48</td><td>-----</td><td>79.27</td><td>35.37</td><td>11.96</td><td>33.12</td><td>170</td><td>305 Average</td><td>HORIZONTAL</td></tr></table>		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg		1	5500.00	100.95	32.65	68.30	66.74	35.37	11.96	33.12	170	305 Peak	HORIZONTAL	2	5500.00	93.48	-----	79.27	35.37	11.96	33.12	170	305 Average	HORIZONTAL
		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																															
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg																																																																																	
1	5495.64	57.32	-16.68	76.00	43.32	35.32	11.93	33.23	170	305 Peak	HORIZONTAL																																																																														
2	5495.64	56.67	-11.63	68.30	42.63	35.34	11.93	33.23	170	305 Peak	HORIZONTAL																																																																														
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1	5500.00	100.95	32.65	68.30	66.74	35.37	11.96	33.12	170	305 Peak	HORIZONTAL																																																																														
2	5500.00	93.48	-----	79.27	35.37	11.96	33.12	170	305 Average	HORIZONTAL																																																																															
Avg.	Site Condition : 03C305-K5 : 5G BAND 1-3 3m 3117 00218652 HORIZONTAL : REF: 1000.0000Hz FEM 0.010000Hz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5495.64</td><td>46.36</td><td>-7.64</td><td>54.00</td><td>32.36</td><td>35.32</td><td>11.93</td><td>33.23</td><td>170</td><td>305 Average</td><td>HORIZONTAL</td></tr></table>		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	cm	deg		1	5495.64	46.36	-7.64	54.00	32.36	35.32	11.93	33.23	170	305 Average	HORIZONTAL	Left blank																																																							
	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																
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WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																																																																													
ANT	802.11a CH100 5500MHz																																																																																													
1	Vertical	Fundamental																																																																																												
Peak	Site Condition : 030805-RS : 5G BAND 1---3 3m 3117 00218652 VERTICAL : RFP 1000.000KHz YPW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5437.52</td><td>55.74</td><td>-18.26</td><td>74.00</td><td>41.87</td><td>35.33</td><td>11.89</td><td>33.33</td><td>257</td><td>286 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5496.56</td><td>56.14</td><td>-12.16</td><td>68.30</td><td>42.14</td><td>35.32</td><td>11.91</td><td>33.23</td><td>257</td><td>286 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1	5437.52	55.74	-18.26	74.00	41.87	35.33	11.89	33.33	257	286 Peak	VERTICAL	2	5496.56	56.14	-12.16	68.30	42.14	35.32	11.91	33.23	257	286 Peak	VERTICAL	Site Condition : 030805-RS : 5G BAND 1---3 3m 3117 00218652 VERTICAL : RFP 1000.000KHz YPW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5500.00</td><td>58.83</td><td>38.53</td><td>68.30</td><td>84.62</td><td>35.37</td><td>11.96</td><td>33.12</td><td>257</td><td>286 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5500.00</td><td>91.37</td><td>-----</td><td>77.16</td><td>35.37</td><td>11.96</td><td>33.12</td><td>257</td><td>286 Average</td><td>VERTICAL</td><td></td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1	5500.00	58.83	38.53	68.30	84.62	35.37	11.96	33.12	257	286 Peak	VERTICAL	2	5500.00	91.37	-----	77.16	35.37	11.96	33.12	257	286 Average	VERTICAL	
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																			
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Avg.	Site Condition : 030805-RS : 5G BAND 1---3 (APC) 3m 3117 00218652 VERTICAL : RFP 1000.000KHz YPW 0.01183Hz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5496.72</td><td>45.74</td><td>-8.26</td><td>54.00</td><td>31.74</td><td>35.32</td><td>11.91</td><td>33.23</td><td>257</td><td>286 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1	5496.72	45.74	-8.26	54.00	31.74	35.32	11.91	33.23	257	286 Average	VERTICAL	Left blank																																																										
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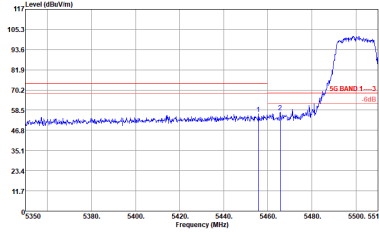
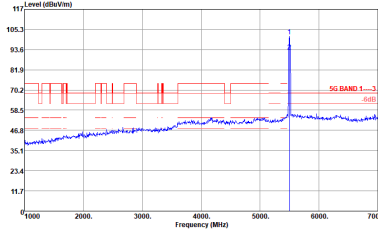
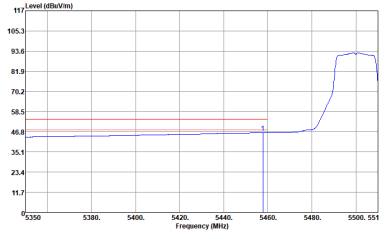
WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																																																														
ANT	802.11a CH140 5700MHz																																																																														
1	Horizontal	Fundamental																																																																													
Peak	Site : 037805-ES Condition : 5G BAND 1---3 2m 0117 00210450 HORIZONTAL REF 1000.000000 YES 3000.000000 SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5725.88</td><td>63.92</td><td>-4.38</td><td>68.30</td><td>48.98</td><td>35.85</td><td>12.15</td><td>32.86</td><td>179</td><td>300 Peak HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dB	dB	cm	deg			1	5725.88	63.92	-4.38	68.30	48.98	35.85	12.15	32.86	179	300 Peak HORIZONTAL	Site : 037805-ES Condition : 5G BAND 1---3 2m 0117 00210450 HORIZONTAL REF 1000.000000 YES 3000.000000 SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5698.00</td><td>149.28</td><td>34.90</td><td>68.38</td><td>88.24</td><td>35.59</td><td>12.12</td><td>32.75</td><td>179</td><td>300 Peak HORIZONTAL</td></tr><tr><td>2</td><td>5698.00</td><td>95.33</td><td>-----</td><td>88.37</td><td>35.59</td><td>12.12</td><td>32.75</td><td>179</td><td>300 Average HORIZONTAL</td><td></td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dB	dB	cm	deg			1	5698.00	149.28	34.90	68.38	88.24	35.59	12.12	32.75	179	300 Peak HORIZONTAL	2	5698.00	95.33	-----	88.37	35.59	12.12	32.75	179	300 Average HORIZONTAL	
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																					
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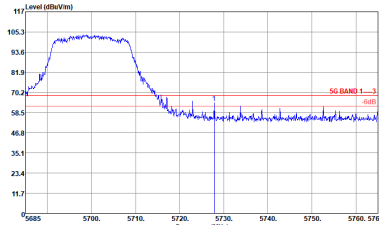
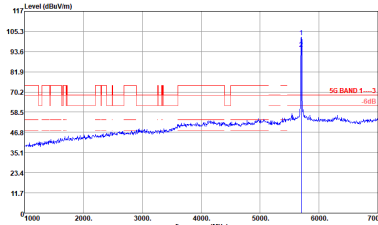
UNII 2C 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																																																																																				
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Peak	Site Condition : 03/20/15-RS : 5G BAND 1-3 @ 3117 00018692 VERTICAL : RSW 1000.0000Hz YSW 3000.0000Hz SWT Auto <table><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5497.52</td><td>55.74</td><td>-18.26</td><td>74.00</td><td>41.74</td><td>35.32</td><td>11.93</td><td>33.23</td><td>284</td><td>261 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5499.68</td><td>55.99</td><td>-12.31</td><td>68.30</td><td>41.95</td><td>35.34</td><td>11.93</td><td>33.23</td><td>284</td><td>261 Peak</td><td>VERTICAL</td></tr></table>	Peak	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dB	cm	deg		1	5497.52	55.74	-18.26	74.00	41.74	35.32	11.93	33.23	284	261 Peak	VERTICAL	2	5499.68	55.99	-12.31	68.30	41.95	35.34	11.93	33.23	284	261 Peak	VERTICAL	Site Condition : 03/20/15-RS : 5G BAND 1-3 @ 3117 00018692 VERTICAL : RSW 1000.0000Hz YSW 3000.0000Hz SWT Auto <table><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5500.00</td><td>97.73</td><td>29.43</td><td>68.30</td><td>83.52</td><td>35.37</td><td>11.96</td><td>33.12</td><td>284</td><td>261 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5500.00</td><td>99.31</td><td>-----</td><td>76.10</td><td>35.37</td><td>11.96</td><td>33.12</td><td>284</td><td>261 Average</td><td>VERTICAL</td><td></td></tr></table>	Peak	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dB	cm	deg		1	5500.00	97.73	29.43	68.30	83.52	35.37	11.96	33.12	284	261 Peak	VERTICAL	2	5500.00	99.31	-----	76.10	35.37	11.96	33.12	284	261 Average	VERTICAL	
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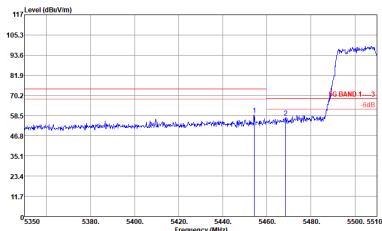
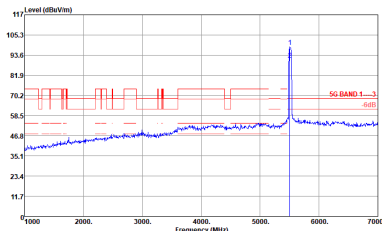
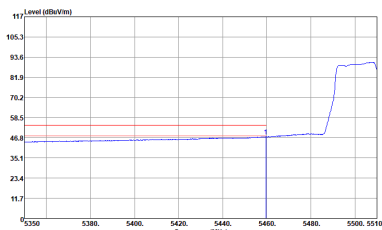
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Peak.	Site : 033805-R3 Condition : 5G BAND 1-3 3m 0117 00210802 VERTICAL RFW 1000.000KHz YSW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5725.64</td><td>62.28</td><td>-6.82</td><td>66.38</td><td>47.34</td><td>35.65</td><td>12.13</td><td>32.86</td><td>277</td><td>276 Peak VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dBuV	dB	cm	deg			1	5725.64	62.28	-6.82	66.38	47.34	35.65	12.13	32.86	277	276 Peak VERTICAL	Site : 033805-R3 Condition : 5G BAND 1-3 3m 0117 00210802 VERTICAL RFW 1000.000KHz YSW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 *</td><td>5698.00</td><td>100.56</td><td>32.26</td><td>68.38</td><td>85.68</td><td>35.59</td><td>12.12</td><td>32.75</td><td>277</td><td>276 Peak VERTICAL</td></tr><tr><td>2</td><td>5698.00</td><td>92.50</td><td>-----</td><td>77.54</td><td>35.59</td><td>12.12</td><td>32.75</td><td>277</td><td>276 Average VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dBuV	dB	cm	deg			1 *	5698.00	100.56	32.26	68.38	85.68	35.59	12.12	32.75	277	276 Peak VERTICAL	2	5698.00	92.50	-----	77.54	35.59	12.12	32.75	277	276 Average VERTICAL
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UNII 2C 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																																																																									
ANT	802.11n HT40 CH102 5510MHz - L																																																																																									
1	Horizontal	Fundamental																																																																																								
Peak	 Site Condition : 032019-KS : 05 BAND 1 ---3 3a 3117 00218662 HORIZONTAL : REF 1000.000KHz REF 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5454.32</td><td>58.99</td><td>-15.81</td><td>74.00</td><td>44.99</td><td>35.32</td><td>11.91</td><td>33.23</td><td>168</td><td>309 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5468.56</td><td>57.43</td><td>-16.87</td><td>68.30</td><td>43.39</td><td>35.34</td><td>11.93</td><td>33.23</td><td>168</td><td>309 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg		1	5454.32	58.99	-15.81	74.00	44.99	35.32	11.91	33.23	168	309 Peak	HORIZONTAL	2	5468.56	57.43	-16.87	68.30	43.39	35.34	11.93	33.23	168	309 Peak	HORIZONTAL	 Site Condition : 032019-KS : 05 BAND 1 ---3 3a 3117 00218662 HORIZONTAL : REF 1000.000KHz REF 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5506.00</td><td>68.51</td><td>59.21</td><td>68.30</td><td>64.28</td><td>35.37</td><td>11.96</td><td>33.82</td><td>168</td><td>309 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5506.00</td><td>68.86</td><td>-----</td><td>76.55</td><td>35.37</td><td>11.96</td><td>33.82</td><td>168</td><td>309 Average</td><td>HORIZONTAL</td><td></td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg		1	5506.00	68.51	59.21	68.30	64.28	35.37	11.96	33.82	168	309 Peak	HORIZONTAL	2	5506.00	68.86	-----	76.55	35.37	11.96	33.82	168	309 Average	HORIZONTAL	
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WIFI

UNII 2C 5470~5725MHz Band Edge @ 3m

ANT

802.11n HT40 CH102 5510MHz - R

1

Horizontal

Fundamental

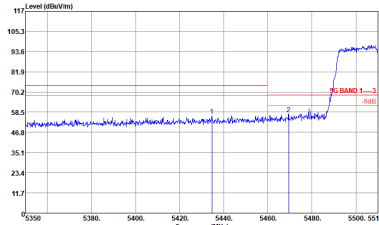
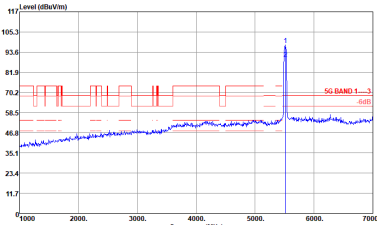
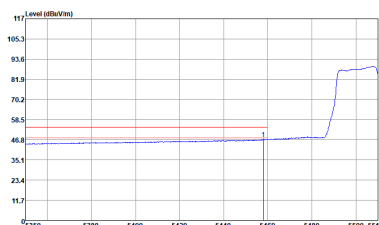
Peak

Site : Q3205-A2
 Condition : SG BAND 1---3 3e 3117 00210052 HORIZONTAL
 SEN 100k 000Hz YBW 100k 000Hz SRT Auto

Freq	Level	Over Limit	ReadAntenna Line	Cable Preamp Loss Factor	A/Pas	T/Pas	Remark	PoI/Phas
MHz	dBμV/m	dB	dBμV	dB/m	dB	cm	deg	
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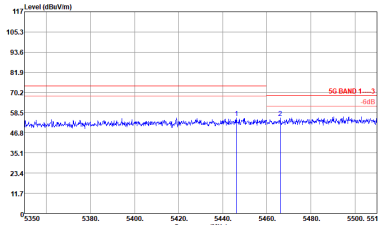
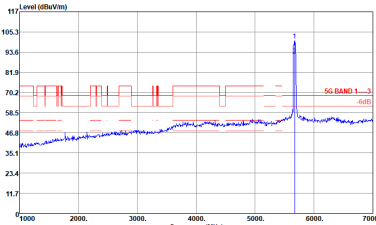
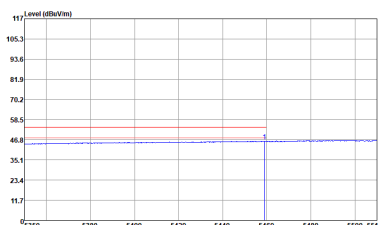
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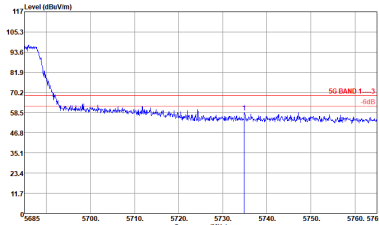
WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																																																																																	
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Peak	 Site Condition : 03/20/15-RS : 05 BAND 1---3 3m 3117 00218650 VERTICAL : RSW 1000.000MHz YSW 3000.000MHz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5434.64</td><td>56.49</td><td>-17.51</td><td>74.00</td><td>42.62</td><td>35.31</td><td>11.89</td><td>35.33</td><td>185</td><td>249 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5469.52</td><td>57.52</td><td>-18.78</td><td>68.30</td><td>43.48</td><td>35.34</td><td>11.93</td><td>33.23</td><td>185</td><td>249 Peak</td><td>VERTICAL</td></tr></table>		Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1	5434.64	56.49	-17.51	74.00	42.62	35.31	11.89	35.33	185	249 Peak	VERTICAL	2	5469.52	57.52	-18.78	68.30	43.48	35.34	11.93	33.23	185	249 Peak	VERTICAL	 Site Condition : 03/20/15-RS : 05 BAND 1---3 3m 3117 00218650 VERTICAL : RSW 1000.000MHz YSW 3000.000MHz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 *</td><td>5512.00</td><td>97.92</td><td>29.62</td><td>68.30</td><td>83.61</td><td>35.37</td><td>11.96</td><td>33.82</td><td>185</td><td>249 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5512.00</td><td>89.53</td><td>.....</td><td>.....</td><td>75.22</td><td>35.37</td><td>11.96</td><td>33.82</td><td>185</td><td>249 Average</td><td>VERTICAL</td></tr></table>		Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1 *	5512.00	97.92	29.62	68.30	83.61	35.37	11.96	33.82	185	249 Peak	VERTICAL	2	5512.00	89.53			75.22	35.37	11.96	33.82	185	249 Average	VERTICAL
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Peak	Site : 000000-45 Condition : 5G BAND 1----3 36.3117 00210050 VERTICAL : 50W 1000.000MHz 70W 1000.000MHz 2RT Auto <table><thead><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>5754.12</td><td>56.47</td><td>-11.83</td><td>68.30</td><td>41.54</td><td>35.72</td><td>12.18</td><td>32.97</td><td>185</td><td>249 Peak</td><td>VERTICAL</td></tr></tbody></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Pow	T/Pow	Remark	Pol/Phas	Freq	Level	Limit	Line	Level Factor	dB	dB	cm	deg		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m			1	5754.12	56.47	-11.83	68.30	41.54	35.72	12.18	32.97	185	249 Peak	VERTICAL	Left blank
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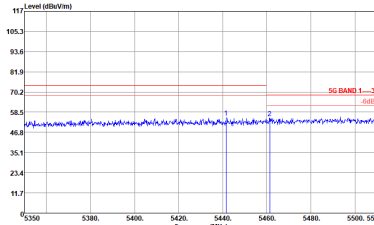
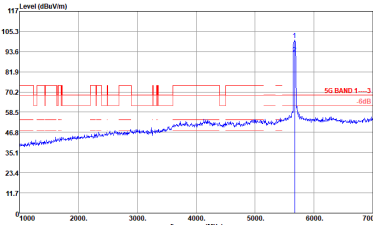
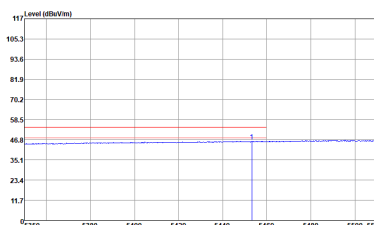


WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																																																																												
ANT	802.11n HT40 CH134 5670MHz - L																																																																																												
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Peak	 Site Condition : 033805-R3 : 05 BAND 1---3 3m 0117 00210802 HORIZONTAL : RFP 1000.000KHz YSW 3000.000KHz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5466.16</td><td>55.32</td><td>-18.68</td><td>74.00</td><td>41.42</td><td>35.32</td><td>11.91</td><td>33.33</td><td>246</td><td>303 Peak</td></tr><tr><td>2</td><td>5466.16</td><td>55.28</td><td>-13.82</td><td>68.38</td><td>41.24</td><td>35.34</td><td>11.93</td><td>33.23</td><td>246</td><td>303 Peak</td></tr></table>						Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1	5466.16	55.32	-18.68	74.00	41.42	35.32	11.91	33.33	246	303 Peak	2	5466.16	55.28	-13.82	68.38	41.24	35.34	11.93	33.23	246	303 Peak	 Site Condition : 033805-R3 : 05 BAND 1---3 3m 0117 00210802 HORIZONTAL : RFP 1000.000KHz YSW 3000.000KHz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 *</td><td>5674.00</td><td>100.31</td><td>32.01</td><td>68.38</td><td>85.38</td><td>35.56</td><td>12.10</td><td>32.63</td><td>246</td><td>303 Peak</td></tr><tr><td>2</td><td>5674.00</td><td>91.63</td><td>-----</td><td>76.68</td><td>35.56</td><td>12.10</td><td>32.63</td><td>246</td><td>303 Average</td></tr></table>						Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1 *	5674.00	100.31	32.01	68.38	85.38	35.56	12.10	32.63	246	303 Peak	2	5674.00	91.63	-----	76.68	35.56	12.10	32.63	246	303 Average
		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																			
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Avg.	 Site Condition : 033805-R3 : 05 BAND 1---3 (APC) 3m 0117 00210802 HORIZONTAL : RFP 1000.000KHz YSW 1.100KHz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5458.96</td><td>46.00</td><td>-8.00</td><td>54.00</td><td>32.00</td><td>35.32</td><td>11.91</td><td>33.23</td><td>246</td><td>303 Average</td></tr></table>						Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1	5458.96	46.00	-8.00	54.00	32.00	35.32	11.91	33.23	246	303 Average	Left blank																																																								
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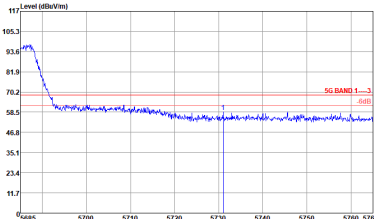


WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																
ANT	802.11n HT40 CH134 5670MHz - R																																
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Peak	 Site Condition : 03/28/15-KS : 5G BAND 1---3 : 80W 100K, 000KHz 10W 300K, 000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5734.92</td><td>58.89</td><td>-9.61</td><td>68.38</td><td>43.71</td><td>35.68</td><td>12.18</td><td>32.86</td><td>246 303 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg			1	5734.92	58.89	-9.61	68.38	43.71	35.68	12.18	32.86	246 303 Peak	HORIZONTAL	Left blank
Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																								
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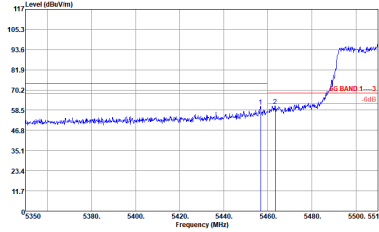
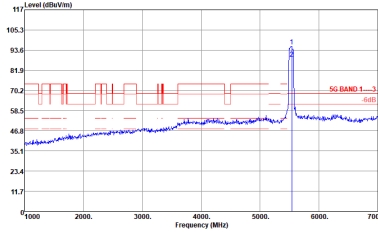
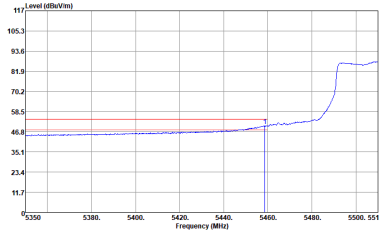
WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																																																																									
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Peak	 Site Condition : 03/20/15-RS : 05 BAND 1---3 3m 5117 00018650 VERTICAL : RSP 1000.000MHz YSW 3000.000MHz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5441.52</td><td>55.25</td><td>-18.75</td><td>74.00</td><td>41.38</td><td>35.31</td><td>11.89</td><td>33.33</td><td>278</td><td>278 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5461.36</td><td>55.24</td><td>-13.86</td><td>68.38</td><td>41.24</td><td>35.32</td><td>11.91</td><td>33.23</td><td>278</td><td>278 Peak</td><td>VERTICAL</td></tr></table>		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1	5441.52	55.25	-18.75	74.00	41.38	35.31	11.89	33.33	278	278 Peak	VERTICAL	2	5461.36	55.24	-13.86	68.38	41.24	35.32	11.91	33.23	278	278 Peak	VERTICAL	 Site Condition : 03/20/15-RS : 05 BAND 1---3 3m 5117 00018650 VERTICAL : RSP 1000.000MHz YSW 3000.000MHz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>5674.00</td><td>100.54</td><td>32.24</td><td>68.38</td><td>85.51</td><td>35.56</td><td>12.18</td><td>32.63</td><td>278</td><td>278 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5674.00</td><td>92.28</td><td>-----</td><td>-----</td><td>77.25</td><td>35.56</td><td>12.18</td><td>32.63</td><td>278</td><td>278 Average</td><td>VERTICAL</td></tr></table>		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1 *	5674.00	100.54	32.24	68.38	85.51	35.56	12.18	32.63	278	278 Peak	VERTICAL	2	5674.00	92.28	-----	-----	77.25	35.56	12.18	32.63	278	278 Average	VERTICAL
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Avg.	 Site Condition : 03/20/15-RS : 05 BAND 1---3 (APC) 3m 5117 00018650 VERTICAL : RSP 1000.000MHz YSW 1.100MHz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5453.28</td><td>45.92</td><td>-8.08</td><td>54.00</td><td>31.92</td><td>35.32</td><td>11.91</td><td>33.23</td><td>278</td><td>278 Average</td><td>VERTICAL</td></tr></table>		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1	5453.28	45.92	-8.08	54.00	31.92	35.32	11.91	33.23	278	278 Average	VERTICAL	Left blank																																																								
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WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																	
ANT	802.11n HT40 CH134 5670MHz - R																																	
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Peak	 Site Condition : 03/20/15-KS : 5G BAND 1---3 2m 5117 00010000 VERTICAL : RSW 100%, 000000s VER 3000, 000000s SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/1m</th><th>dB</th><th>dBm/1m</th><th>dBm/1m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5731.08</td><td>58.78</td><td>-9.52</td><td>68.30</td><td>43.84</td><td>35.85</td><td>12.15</td><td>32.86</td><td>278</td><td>Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/1m	dB	dBm/1m	dBm/1m	dB	cm	deg			1	5731.08	58.78	-9.52	68.30	43.84	35.85	12.15	32.86	278	Peak	VERTICAL	Left blank
Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																									
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UNII 2C 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																																																																																										
ANT	802.11ac VHT80 CH106 5530MHz - L																																																																																																										
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Peak	 Site Condition : 032019-KS : 5G BAND 1-----3 3a 3117 00218652 HORIZONTAL : REF 1000.000Hz YFW 3000.000Hz SWT Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5456.72</td><td>68.77</td><td>-13.23</td><td>74.00</td><td>46.77</td><td>35.32</td><td>11.93</td><td>33.23</td><td>168</td><td>306</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5463.44</td><td>63.80</td><td>-7.22</td><td>68.30</td><td>47.84</td><td>35.34</td><td>11.93</td><td>33.23</td><td>168</td><td>306</td><td>Peak</td><td>HORIZONTAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor					MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg		1	5456.72	68.77	-13.23	74.00	46.77	35.32	11.93	33.23	168	306	Peak	HORIZONTAL	2	5463.44	63.80	-7.22	68.30	47.84	35.34	11.93	33.23	168	306	Peak	HORIZONTAL	 Site Condition : 032019-KS : 5G BAND 1-----3 3a 3117 00218652 HORIZONTAL : REF 1000.000Hz YFW 3000.000Hz SWT Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5536.00</td><td>95.96</td><td>27.66</td><td>68.30</td><td>61.49</td><td>35.48</td><td>11.99</td><td>32.92</td><td>168</td><td>306</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5536.00</td><td>88.49</td><td>.....</td><td>74.82</td><td>35.48</td><td>11.99</td><td>32.92</td><td>168</td><td>306</td><td>Average</td><td>HORIZONTAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor					MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg		1	5536.00	95.96	27.66	68.30	61.49	35.48	11.99	32.92	168	306	Peak	HORIZONTAL	2	5536.00	88.49		74.82	35.48	11.99	32.92	168	306	Average	HORIZONTAL
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Avg.	 Site Condition : 032019-KS : 5G BAND 1-----3 (ATC) 3a 3117 00218652 HORIZONTAL : REF 1000.000Hz YFW 3.20000Hz SWT Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5458.64</td><td>58.22</td><td>-3.78</td><td>54.00</td><td>36.22</td><td>35.32</td><td>11.93</td><td>33.23</td><td>168</td><td>306</td><td>Average</td><td>HORIZONTAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor					MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg		1	5458.64	58.22	-3.78	54.00	36.22	35.32	11.93	33.23	168	306	Average	HORIZONTAL	Left blank																																																																	
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WIFI

ANT

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UNII 2C 5470~5725MHz Band Edge @ 3m

802.11ac VHT80 CH106 5530MHz - R

Horizontal

Peak

117

105.3

93.6

81.9

70.2

58.5

46.8

35.1

23.4

11.7

0

5685

5700

5710

5720

5730

5740

5750

5760

5765

Level (dBuV/m)

Frequency (MHz)

5G BAND 1---3

dell

Site : 032805-A2

Condition : 5G BAND 1---3 3m 3117 002106052 HORIZONTAL

SEN 1000.000Hz FWH 1000.000Hz SW 3.0m

Freq	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		
1 5726.44	56.14	-12.16	68.30	41.20	35.65	12.15	32.86	160 300 Peak	HORIZONTAL

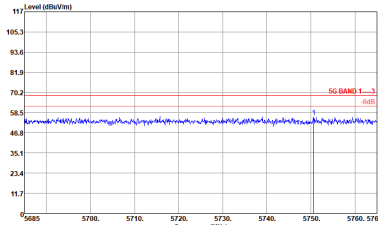
Fundamental

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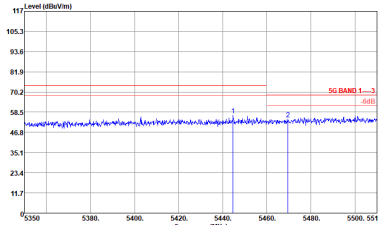
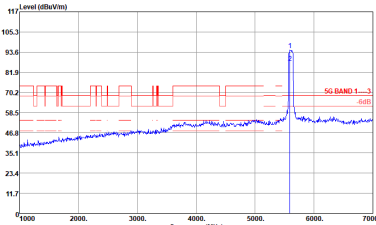
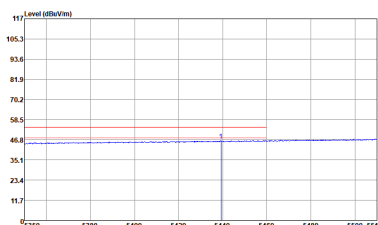


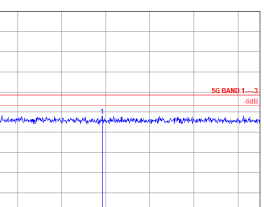
WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																																																																								
ANT	802.11ac VHT80 CH106 5530MHz - L																																																																																								
1	Vertical	Fundamental																																																																																							
Peak	Site Condition : 03/20/15-KS : 5G BAND 1-3 @ 3m 00118852 VERTICAL : RSP 1000.000KHz YAW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5458.88</td><td>58.48</td><td>-15.12</td><td>74.00</td><td>44.48</td><td>35.12</td><td>11.93</td><td>33.23</td><td>306</td><td>284</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5468.72</td><td>68.10</td><td>-8.20</td><td>68.30</td><td>46.06</td><td>35.34</td><td>11.93</td><td>33.23</td><td>306</td><td>284</td><td>Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1	5458.88	58.48	-15.12	74.00	44.48	35.12	11.93	33.23	306	284	Peak	VERTICAL	2	5468.72	68.10	-8.20	68.30	46.06	35.34	11.93	33.23	306	284	Peak	VERTICAL	Site Condition : 03/20/15-KS : 5G BAND 1-3 @ 3m 00118852 VERTICAL : RSP 1000.000KHz YAW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>5524.00</td><td>84.18</td><td>25.88</td><td>68.30</td><td>79.84</td><td>35.39</td><td>11.97</td><td>33.82</td><td>306</td><td>284</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5524.00</td><td>86.30</td><td>-----</td><td>71.96</td><td>35.39</td><td>11.97</td><td>33.82</td><td>306</td><td>284</td><td>Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1 *	5524.00	84.18	25.88	68.30	79.84	35.39	11.97	33.82	306	284	Peak	VERTICAL	2	5524.00	86.30	-----	71.96	35.39	11.97	33.82	306	284	Average	VERTICAL
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Avg.	Site Condition : 03/20/15-KS : 5G BAND 1-3 (ATC) @ 3m 00118852 VERTICAL : RSP 1000.000KHz YAW 2.200KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5459.44</td><td>48.49</td><td>-5.51</td><td>54.00</td><td>34.49</td><td>35.32</td><td>11.93</td><td>33.23</td><td>306</td><td>284</td><td>Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1	5459.44	48.49	-5.51	54.00	34.49	35.32	11.93	33.23	306	284	Average	VERTICAL	Left blank																																																								
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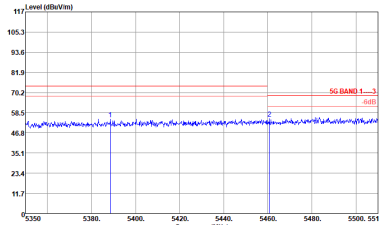
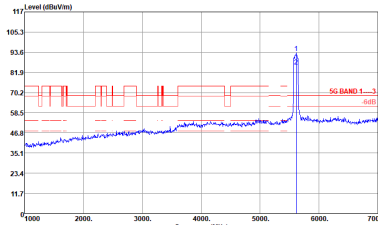
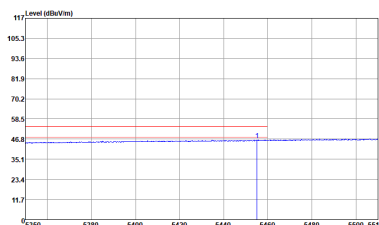
WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																															
ANT	802.11ac VHT80 CH106 5530MHz - R																															
1	Vertical	Fundamental																														
Peak	 Site Condition : 03/28/2015-15 : 5G BAND 1 (---) 3m 5117 000100000 VERTICAL : 50W 1000,000000s YES 3000,000000s SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5750.68</td><td>56.22</td><td>-12.68</td><td>66.30</td><td>41.35</td><td>35.68</td><td>12.16</td><td>32.97</td><td>306 204 Peak VERTICAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	dB	dB	dB	deg	1	5750.68	56.22	-12.68	66.30	41.35	35.68	12.16	32.97	306 204 Peak VERTICAL	Left blank
Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																							
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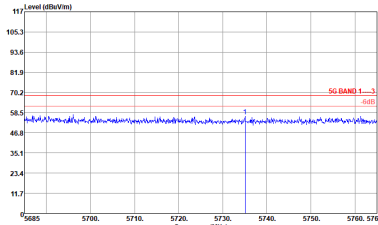
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Peak	 Site Condition : 037305-KS : 05 BAND 1---3 3m 0117 00210850 HORIZONTAL : RSW 1000.000MHz YSW 3000.000MHz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5444.72</td><td>56.68</td><td>-17.32</td><td>74.00</td><td>42.81</td><td>35.31</td><td>11.89</td><td>33.33</td><td>166</td><td>310 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5469.68</td><td>54.46</td><td>-13.84</td><td>68.30</td><td>40.42</td><td>35.34</td><td>11.93</td><td>33.23</td><td>166</td><td>310 Peak</td><td>HORIZONTAL</td></tr></table>		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1	5444.72	56.68	-17.32	74.00	42.81	35.31	11.89	33.33	166	310 Peak	HORIZONTAL	2	5469.68	54.46	-13.84	68.30	40.42	35.34	11.93	33.23	166	310 Peak	HORIZONTAL	 Site Condition : 037305-KS : 05 BAND 1---3 3m 0117 00210850 HORIZONTAL : RSW 1000.000MHz YSW 3000.000MHz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>5500.00</td><td>94.83</td><td>26.53</td><td>68.30</td><td>80.87</td><td>35.45</td><td>12.03</td><td>32.72</td><td>166</td><td>310 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5500.00</td><td>87.39</td><td>-----</td><td>72.63</td><td>35.45</td><td>12.03</td><td>32.72</td><td>166</td><td>310 Average</td><td>HORIZONTAL</td><td></td></tr></table>		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1 *	5500.00	94.83	26.53	68.30	80.87	35.45	12.03	32.72	166	310 Peak	HORIZONTAL	2	5500.00	87.39	-----	72.63	35.45	12.03	32.72	166	310 Average	HORIZONTAL	
		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																
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Peak  Site : 030805-K2 Condition : 5G BAND 1-3 3m 3117 00210052 HORIZONTAL SFW 1000.000MHz FWH 1000.000MHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5729.24</td><td>56.27</td><td>-12.83</td><td>68.30</td><td>41.33</td><td>35.65</td><td>12.15</td><td>32.86</td><td>166</td><td>310</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	MHz	dBm/100m	dB	dBm/100m	dBm/100m	dB	dB	cm	deg	1	5729.24	56.27	-12.83	68.30	41.33	35.65	12.15	32.86	166	310	Peak	HORIZONTAL	Left blank	
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Peak	 Site Condition : 03/20/15-RS : 5G BAND 1-3 @ 3117 00218652 VERTICAL : RFP 1000, 0000Hz YWP 3000, 0000Hz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5388.56</td><td>54.86</td><td>-19.14</td><td>74.00</td><td>41.29</td><td>35.26</td><td>11.84</td><td>33.53</td><td>317</td><td>266 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5468.72</td><td>55.85</td><td>-13.25</td><td>68.38</td><td>41.85</td><td>35.32</td><td>11.93</td><td>33.23</td><td>317</td><td>266 Peak</td><td>VERTICAL</td></tr></table>		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1	5388.56	54.86	-19.14	74.00	41.29	35.26	11.84	33.53	317	266 Peak	VERTICAL	2	5468.72	55.85	-13.25	68.38	41.85	35.32	11.93	33.23	317	266 Peak	VERTICAL	 Site Condition : 03/20/15-RS : 5G BAND 1-3 @ 3117 00218652 VERTICAL : RFP 1000, 0000Hz YWP 3000, 0000Hz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>5614.00</td><td>93.35</td><td>25.85</td><td>68.38</td><td>78.45</td><td>35.47</td><td>12.85</td><td>32.62</td><td>317</td><td>266 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5614.00</td><td>85.41</td><td>.....</td><td>78.51</td><td>35.47</td><td>12.85</td><td>32.62</td><td>317</td><td>266 Average</td><td>VERTICAL</td><td></td></tr></table>		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1 *	5614.00	93.35	25.85	68.38	78.45	35.47	12.85	32.62	317	266 Peak	VERTICAL	2	5614.00	85.41		78.51	35.47	12.85	32.62	317	266 Average	VERTICAL	
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1 *	5614.00	93.35	25.85	68.38	78.45	35.47	12.85	32.62	317	266 Peak	VERTICAL																																																																															
2	5614.00	85.41		78.51	35.47	12.85	32.62	317	266 Average	VERTICAL																																																																																
Avg.	 Site Condition : 03/20/15-RS : 5G BAND 1-3 (AVG) @ 3117 00218652 VERTICAL : RFP 1000, 0000Hz YWP 2, 2000Hz SWT Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5455.12</td><td>46.38</td><td>-7.62</td><td>54.00</td><td>32.38</td><td>35.32</td><td>11.93</td><td>33.23</td><td>317</td><td>266 Average</td><td>VERTICAL</td></tr></table>		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1	5455.12	46.38	-7.62	54.00	32.38	35.32	11.93	33.23	317	266 Average	VERTICAL	Left blank																																																								
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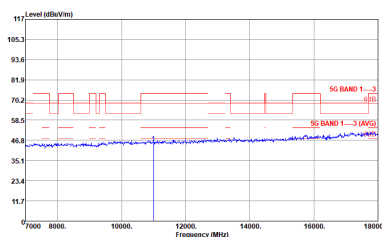
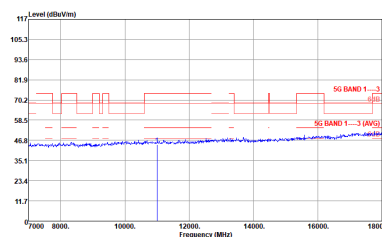


WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																		
ANT	802.11ac VHT80 CH122 5610MHz - R																																		
1	Vertical	Fundamental																																	
Peak	 Site Condition : 03/28/2018-15 : 5G BAND 1 ---3 2m 5117 000100000 VERTICAL : 50W 1000,000000s 10W 3000,000000s SWT Auto <table><tr><th>Item</th><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5735.08</td><td>-11.88</td><td>66.30</td><td>41.52</td><td>35.68</td><td>12.16</td><td>32.86</td><td>317</td><td>206 Peak</td><td>VERTICAL</td></tr></table>	Item	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	cm	deg			1	5735.08	-11.88	66.30	41.52	35.68	12.16	32.86	317	206 Peak	VERTICAL	Left blank
Item	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																									
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UNII 2C - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m																																																																							
ANT	802.11a CH100 5500MHz																																																																							
1	Horizontal	Vertical																																																																						
Peak	 Site Condition : 03/20/15-43 : SG BAND 1-----3 3m 3117 00218652 HORIZONTAL : RXP 1000.000MHz YWP 3000.000MHz SPT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10999.00</td><td>45.23 -28.77</td><td>74.00</td><td>49.82</td><td>38.53</td><td>17.42</td><td>60.54</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	10999.00	45.23 -28.77	74.00	49.82	38.53	17.42	60.54	300	0 Peak	HORIZONTAL	 Site Condition : 03/20/15-43 : SG BAND 1-----3 3m 3117 00218652 VERTICAL : RXP 1000.000MHz YWP 3000.000MHz SPT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10999.00</td><td>44.47 -29.53</td><td>74.00</td><td>49.06</td><td>38.53</td><td>17.42</td><td>60.54</td><td>300</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	10999.00	44.47 -29.53	74.00	49.06	38.53	17.42	60.54	300	0 Peak	VERTICAL
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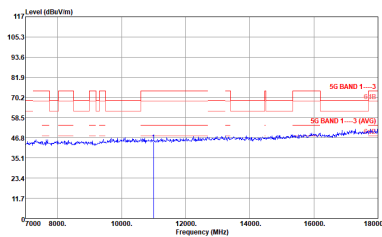
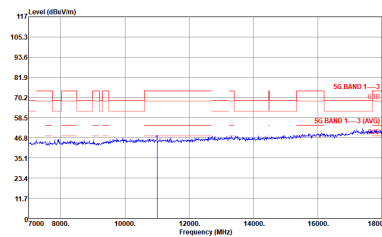
WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m																																																																									
ANT	802.11a CH116 5580MHz																																																																									
1	Horizontal	Vertical																																																																								
Peak	Site : 037805-KS Condition : 5G BAND 1-3 @ 11159.16MHz HORIZONTAL RFW 1000.000KHz VSW 3000.000KHz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBm/Hz</th><th>dB</th><th>dBm/Hz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 11159.16</td><td>44.95</td><td>-29.85</td><td>74.80</td><td>49.37</td><td>58.59</td><td>17.49</td><td>69.58</td><td>300 0 Peak HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor			MHz	dBm/Hz	dB	dBm/Hz	dB	dB	dB	cm	deg	1 11159.16	44.95	-29.85	74.80	49.37	58.59	17.49	69.58	300 0 Peak HORIZONTAL	Site : 037805-KS Condition : 5G BAND 1-3 @ 11159.16MHz VERTICAL RFW 1000.000KHz VSW 3000.000KHz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBm/Hz</th><th>dB</th><th>dBm/Hz</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 11159.16</td><td>44.53</td><td>-29.47</td><td>74.00</td><td>48.95</td><td>58.59</td><td>17.49</td><td>69.58</td><td>300 0 Peak VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor			MHz	dBm/Hz	dB	dBm/Hz	dB	dB	dB	cm	deg	1 11159.16	44.53	-29.47	74.00	48.95	58.59	17.49	69.58	300 0 Peak VERTICAL
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WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m																																																																					
ANT	802.11a CH140 5700MHz																																																																					
1	Horizontal Site Condition: 030805-45 5G BAND 1-3 3a 3117 00218652 HORIZONTAL RFW 1000.000MHz RFW 3000.000MHz SWT Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>11399.39</td><td>44.59 -29.41</td><td>74.00</td><td>48.78</td><td>38.67</td><td>17.59</td><td>60.45</td><td>300</td><td>0 Peak HORIZONTAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	Limit	Line	Level Factor	Loss Factor			MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg		1	11399.39	44.59 -29.41	74.00	48.78	38.67	17.59	60.45	300	0 Peak HORIZONTAL	Vertical Site Condition: 030805-45 5G BAND 1-3 3a 3117 00218652 VERTICAL RFW 1000.000MHz RFW 3000.000MHz SWT Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>11399.39</td><td>45.18 -28.82</td><td>74.00</td><td>49.37</td><td>38.67</td><td>17.59</td><td>60.45</td><td>300</td><td>0 Peak VERTICAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	Limit	Line	Level Factor	Loss Factor			MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg		1	11399.39	45.18 -28.82	74.00	49.37	38.67	17.59	60.45	300	0 Peak VERTICAL
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Peak

Avg.

UNII 2C 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m																																																																																					
ANT	802.11n HT20 CH100 5500MHz																																																																																					
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Peak Avg.	 Site Condition : 002000-45 : 5G BAND 1-3 3m 3117 00218662 HORIZONTAL : REF: 1000.0000Hz TWP: 3000.0000Hz SWT: Auto <table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>10999.00</td><td>44.75</td><td>-29.25</td><td>74.00</td><td>49.34</td><td>38.53</td><td>17.42</td><td>68.54</td><td>100</td><td>360</td><td>Peak</td><td>HORIZONTAL</td></tr></tbody></table>						Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	10999.00	44.75	-29.25	74.00	49.34	38.53	17.42	68.54	100	360	Peak	HORIZONTAL	 Site Condition : 002000-45 : 5G BAND 1-3 3m 3117 00218662 VERTICAL : REF: 1000.0000Hz TWP: 3000.0000Hz SWT: Auto <table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>10999.00</td><td>44.36</td><td>-29.64</td><td>74.00</td><td>48.95</td><td>38.53</td><td>17.42</td><td>68.54</td><td>100</td><td>360</td><td>Peak</td><td>VERTICAL</td></tr></tbody></table>						Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	cm	deg	1	10999.00	44.36	-29.64	74.00	48.95	38.53	17.42	68.54	100	360	Peak	VERTICAL
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WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m																																																																			
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Avg.																																																																				

WIFI

UNII 2C 5470~5725MHz Harmonic @ 3m

ANT

802.11n HT20 CH140 5700MHz

1

Horizontal

Vertical

Horizontal Peak Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot displays a red line for the signal level and a blue line for the noise floor. The signal level is approximately 74 dBuV/m at 11.39939 MHz. The noise floor is approximately 44.29 dBuV/m. The plot is labeled 'SG BAND 1---3' and 'SG BAND 1---3 (AUS)'.

Site : 03C05-K2
Condition : SG BAND 1---3 3a 3117 00218652 HORIZONTAL
ISW 1000.000Hz TSW 1000.000Hz SW Auto

Vertical Peak Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot displays a red line for the signal level and a blue line for the noise floor. The signal level is approximately 74 dBuV/m at 11.39939 MHz. The noise floor is approximately 44.29 dBuV/m. The plot is labeled 'SG BAND 1---3' and 'SG BAND 1---3 (AUS)'.

Site : 03C05-K2
Condition : SG BAND 1---3 3a 3117 00218652 VERTICAL
ISW 1000.000Hz TSW 1000.000Hz SW Auto

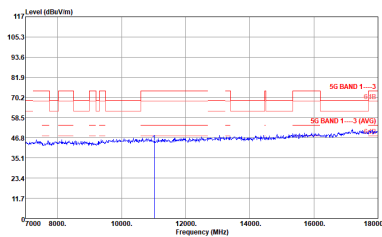
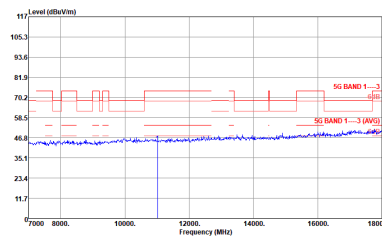
Peak

Avg.

Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas
MHz	dBuV/m	dB	dBuV	dB/m	dB	dB	deg		
1 11399.39	44.29	-29.71	74.00	48.48	38.67	17.59	68.45	180	360 Peak HORIZONTAL

Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas
MHz	dBuV/m	dB	dBuV	dB/m	dB	dB	deg		
1 11399.39	44.82	-29.36	74.00	48.21	38.67	17.59	68.45	180	360 Peak VERTICAL

UNII 2C 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m																																																																	
ANT	802.11n HT40 CH102 5510MHz																																																																	
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Peak Avg.	 Site Condition : 002000-45 : 5G BAND 1-3 3m 3117 00218662 HORIZONTAL : REF: 1000.000MHz TWP: 3000.000MHz SWT: Auto <table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 11819.82</td><td>44.32</td><td>-29.68</td><td>74.00</td><td>49.89</td><td>38.54</td><td>17.43</td><td>68.54 100 360 Peak HORIZONTAL</td></tr></tbody></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	1 11819.82	44.32	-29.68	74.00	49.89	38.54	17.43	68.54 100 360 Peak HORIZONTAL	 Site Condition : 002000-45 : 5G BAND 1-3 3m 3117 00218662 VERTICAL : REF: 1000.000MHz TWP: 3000.000MHz SWT: Auto <table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 11819.82</td><td>44.87</td><td>-29.93</td><td>74.00</td><td>49.84</td><td>38.54</td><td>17.43</td><td>68.54 100 360 Peak VERTICAL</td></tr></tbody></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	1 11819.82	44.87	-29.93	74.00	49.84	38.54	17.43	68.54 100 360 Peak VERTICAL
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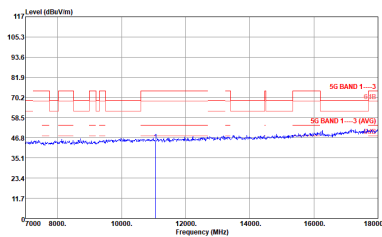
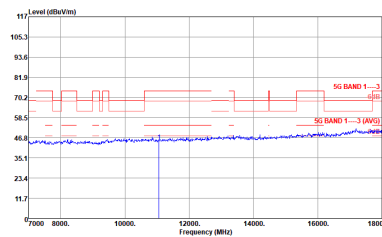


WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m																																																																			
ANT	802.11n HT40 CH110 5550MHz																																																																			
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Peak Avg.	Site : 03CB05-RS Condition : 5G BAND 1-3 @ 3m 0117 00210802 0001100101 RFW 1000.000KHz YSW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 11899.18</td><td>45.67</td><td>-28.33</td><td>74.00</td><td>58.16</td><td>58.57</td><td>17.46</td><td>69.52</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1 11899.18	45.67	-28.33	74.00	58.16	58.57	17.46	69.52	300	0 Peak	HORIZONTAL	Site : 03CB05-RS Condition : 5G BAND 1-3 @ 3m 0117 00210802 0001100101 RFW 1000.000KHz YSW 3000.000KHz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 11899.18</td><td>45.69</td><td>-28.31</td><td>74.00</td><td>58.18</td><td>58.57</td><td>17.46</td><td>69.52</td><td>300</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1 11899.18	45.69	-28.31	74.00	58.18	58.57	17.46	69.52	300	0 Peak	VERTICAL
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UNII 2C 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

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UNII 2C - 5470~5725MHz

UNII 2C - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	UNII 2C Straddle Channel Band Edge @ 3m																																																																																					
ANT	802.11a CH144 5720MHz - L																																																																																					
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Peak	Site Condition : 03C805-K5 : SG BAND 1---3 3m 3117 00218652 HORIZONTAL RFM 1000.0000Hz TFW 3000.0000Hz SPT auto <table><tr><th>Frq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>5722.00</td><td>180.54</td><td>25.24</td><td>68.38</td><td>88.68</td><td>35.65</td><td>12.15</td><td>32.86</td><td>400</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5722.00</td><td>96.24</td><td>-----</td><td>-----</td><td>81.38</td><td>35.65</td><td>12.15</td><td>32.86</td><td>400</td><td>0 Average</td><td>HORIZONTAL</td></tr></table>	Frq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	deg		1 *	5722.00	180.54	25.24	68.38	88.68	35.65	12.15	32.86	400	0 Peak	HORIZONTAL	2	5722.00	96.24	-----	-----	81.38	35.65	12.15	32.86	400	0 Average	HORIZONTAL	Site Condition : 03C805-K5 : SG BAND 1---3 3m 3117 00218652 VERTICAL RFM 1000.0000Hz TFW 3000.0000Hz SPT auto <table><tr><th>Frq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>5722.00</td><td>183.76</td><td>34.46</td><td>68.38</td><td>87.82</td><td>35.65</td><td>12.15</td><td>32.86</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5722.00</td><td>95.14</td><td>-----</td><td>-----</td><td>88.28</td><td>35.65</td><td>12.15</td><td>32.86</td><td>100</td><td>0 Average</td><td>VERTICAL</td></tr></table>	Frq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	cm	deg		1 *	5722.00	183.76	34.46	68.38	87.82	35.65	12.15	32.86	100	0 Peak	VERTICAL	2	5722.00	95.14	-----	-----	88.28	35.65	12.15	32.86	100	0 Average	VERTICAL
	Frq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																													
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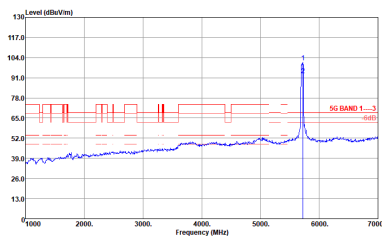
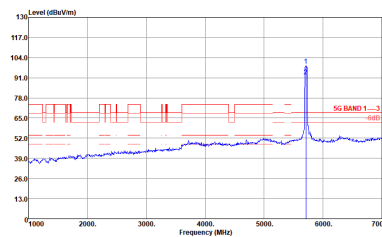


UNII 2C – Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	UNII 2C Straddle Channel Band Edge @ 3m																																																																																									
ANT	802.11n CH144 5720MHz - L																																																																																									
1	Horizontal	Vertical																																																																																								
Peak	Site Condition : 002005-02 : 5G BAND 1-3 @ 3117 00210602 HORIZONTAL : REW 1000,000Hz TWP 3000,000Hz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 *</td><td>5722.00 102.87</td><td>34.57</td><td>68.30</td><td>87.93</td><td>35.65</td><td>12.15</td><td>32.86</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5722.00 95.82</td><td>-----</td><td>89.68</td><td>35.65</td><td>12.15</td><td>32.86</td><td>400</td><td>0 Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	1 *	5722.00 102.87	34.57	68.30	87.93	35.65	12.15	32.86	0 Peak	HORIZONTAL	2	5722.00 95.82	-----	89.68	35.65	12.15	32.86	400	0 Average	HORIZONTAL	Site Condition : 002005-02 : 5G BAND 1-3 @ 3117 00210602 VERTICAL : REW 1000,000Hz TWP 3000,000Hz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 *</td><td>5722.00 101.81</td><td>33.51</td><td>68.30</td><td>86.87</td><td>35.65</td><td>12.15</td><td>32.86</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5722.00 94.49</td><td>-----</td><td>79.55</td><td>35.65</td><td>12.15</td><td>32.86</td><td>100</td><td>0 Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	1 *	5722.00 101.81	33.51	68.30	86.87	35.65	12.15	32.86	0 Peak	VERTICAL	2	5722.00 94.49	-----	79.55	35.65	12.15	32.86	100	0 Average	VERTICAL
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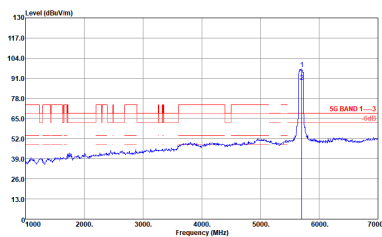
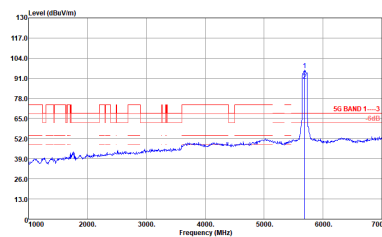


UNII 2C – Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

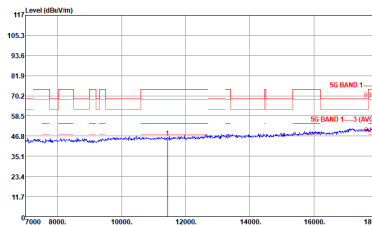
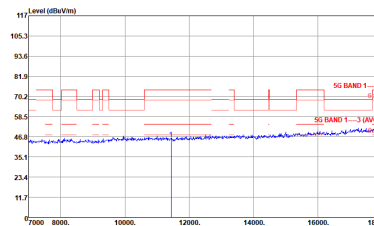
WIFI	UNII 2C Straddle Channel Band Edge @ 3m																																																																																															
ANT	802.11n CH142 5710MHz - L																																																																																															
1	Horizontal	Vertical																																																																																														
Peak	 Site Condition : 032005-42 : 5G BAND 1-3 @ 3m 3117 00218652 REW120W7AL : REW 1000.000KHz TWP 3000.000KHz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 *</td><td>5722.00</td><td>100.98</td><td>32.68</td><td>68.30</td><td>90.75</td><td>35.05</td><td>11.18</td><td>36.60</td><td>0 Peak HORIZONTAL</td></tr><tr><td>2</td><td>5722.00</td><td>92.58</td><td>-----</td><td>82.15</td><td>35.05</td><td>11.18</td><td>36.60</td><td>400</td><td>0 Average HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1 *	5722.00	100.98	32.68	68.30	90.75	35.05	11.18	36.60	0 Peak HORIZONTAL	2	5722.00	92.58	-----	82.15	35.05	11.18	36.60	400	0 Average HORIZONTAL	 Site Condition : 032005-42 : 5G BAND 1-3 @ 3m 3117 00218652 REW120W7AL : REW 1000.000KHz TWP 3000.000KHz SWT Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 *</td><td>5710.00</td><td>98.96</td><td>39.66</td><td>68.30</td><td>88.76</td><td>35.62</td><td>11.16</td><td>36.58</td><td>0 Peak VERTICAL</td></tr><tr><td>2</td><td>5710.00</td><td>91.87</td><td>-----</td><td>81.67</td><td>35.62</td><td>11.16</td><td>36.58</td><td>100</td><td>0 Average VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1 *	5710.00	98.96	39.66	68.30	88.76	35.62	11.16	36.58	0 Peak VERTICAL	2	5710.00	91.87	-----	81.67	35.62	11.16	36.58	100	0 Average VERTICAL
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UNII 2C – Straddle Channel
WIFI 802.11VHT80 (Band Edge @ 3m)

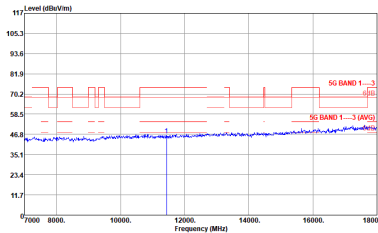
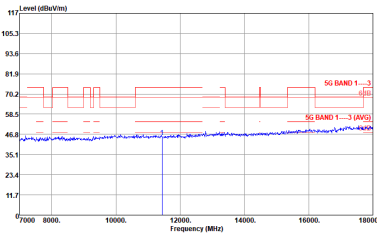
WIFI	UNII 2C Straddle Channel Band Edge @ 3m																																																																																											
ANT	802.11ac CH138 5690MHz - L																																																																																											
1	Horizontal	Vertical																																																																																										
Peak	 Site Condition : 032805-KS : 5G BAND 1-3 @ 3m 3117 00218652 HORIZONTAL : RHP 1000, 0000Hz TWP 3000, 0000Hz SWT Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>Readantenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>5704.00</td><td>96.88</td><td>68.30</td><td>86.68</td><td>35.62</td><td>11.13</td><td>36.56</td><td>0 Peak HORIZONTAL</td></tr><tr><td>2</td><td>5704.00</td><td>88.79</td><td>-----</td><td>78.59</td><td>35.62</td><td>11.13</td><td>36.56</td><td>0 Average HORIZONTAL</td></tr></table>		Over	Limit	Readantenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor					MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1 *	5704.00	96.88	68.30	86.68	35.62	11.13	36.56	0 Peak HORIZONTAL	2	5704.00	88.79	-----	78.59	35.62	11.13	36.56	0 Average HORIZONTAL	 Site Condition : 032805-KS : 5G BAND 1-3 @ 3m 3117 00218652 VERTICAL : RHP 1000, 0000Hz TWP 3000, 0000Hz SWT Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>Readantenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>5688.00</td><td>96.36</td><td>68.30</td><td>86.20</td><td>35.59</td><td>11.13</td><td>36.56</td><td>0 Peak VERTICAL</td></tr><tr><td>2</td><td>5688.00</td><td>89.36</td><td>-----</td><td>79.42</td><td>35.59</td><td>11.13</td><td>36.56</td><td>0 Average VERTICAL</td></tr></table>		Over	Limit	Readantenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor					MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1 *	5688.00	96.36	68.30	86.20	35.59	11.13	36.56	0 Peak VERTICAL	2	5688.00	89.36	-----	79.42	35.59	11.13	36.56	0 Average VERTICAL
	Over	Limit	Readantenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																				
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UNII 2C - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m																																																							
ANT	802.11a CH144 5720MHz																																																							
1	Horizontal	Vertical																																																						
Peak Avg.	 Site : 03C805-KS Condition : 5G BAND 1-3 3m 3117 00218652 HORIZONTAL RF 1000.000MHz TWP 3000.000Hz SPT Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1 11439.44</td><td>46.81</td><td>-27.99</td><td>74.00</td><td>50.17</td><td>35.65</td><td>17.69</td><td>60.44</td><td>300 0 Peak HORIZONTAL</td></tr></tbody></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dB	cm	deg			1 11439.44	46.81	-27.99	74.00	50.17	35.65	17.69	60.44	300 0 Peak HORIZONTAL	 Site : 03C805-KS Condition : 5G BAND 1-3 3m 3117 00218652 VERTICAL RF 1000.000MHz TWP 3000.000Hz SPT Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1 11439.44</td><td>45.71</td><td>-28.29</td><td>74.00</td><td>49.87</td><td>35.65</td><td>17.69</td><td>60.44</td><td>300 0 Peak VERTICAL</td></tr></tbody></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dB	cm	deg			1 11439.44	45.71	-28.29	74.00	49.87	35.65	17.69	60.44	300 0 Peak VERTICAL
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1 11439.44	45.71	-28.29	74.00	49.87	35.65	17.69	60.44	300 0 Peak VERTICAL																																																



WIFI 802.11n20 (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m																																																																									
ANT	802.11n CH144 5720MHz																																																																									
1	Horizontal	Vertical																																																																								
Peak	 Site Condition : 0A2B0C-43 : SG BAND 1-----3 3m 3117 00218652 HORIZONTAL : REF 1000.000MHz YFW 3000.000Hz SWT Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th></th></tr><tr><th></th><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>11439.44</td><td>46.19</td><td>-27.81</td><td>74.00</td><td>50.35</td><td>38.68</td><td>17.68</td><td>60.44 300 0 Peak HORIZONTAL</td></tr></table>		Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos			Freq	Level	Line	Level	Factor	Loss	Factor	Remark		MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	11439.44	46.19	-27.81	74.00	50.35	38.68	17.68	60.44 300 0 Peak HORIZONTAL	 Site Condition : 0A2B0C-43 : SG BAND 1-----3 3m 3117 00218652 VERTICAL : REF 1000.000MHz YFW 3000.000Hz SWT Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th></th></tr><tr><th></th><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>11439.44</td><td>45.35</td><td>-28.65</td><td>74.00</td><td>49.51</td><td>38.68</td><td>17.68</td><td>60.44 300 0 Peak VERTICAL</td></tr></table>		Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos			Freq	Level	Line	Level	Factor	Loss	Factor	Remark		MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	11439.44	45.35	-28.65	74.00	49.51	38.68	17.68	60.44 300 0 Peak VERTICAL
	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos																																																																			
	Freq	Level	Line	Level	Factor	Loss	Factor	Remark																																																																		
	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																		
1	11439.44	46.19	-27.81	74.00	50.35	38.68	17.68	60.44 300 0 Peak HORIZONTAL																																																																		
	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos																																																																			
	Freq	Level	Line	Level	Factor	Loss	Factor	Remark																																																																		
	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																		
1	11439.44	45.35	-28.65	74.00	49.51	38.68	17.68	60.44 300 0 Peak VERTICAL																																																																		
Avg.																																																																										



WIFI 802.11n40 (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m																																																																			
ANT	802.11n CH142 5710MHz																																																																			
1	Horizontal	Vertical																																																																		
Peak	Site : 03C005-K5 Condition : SG BAND 1---3 3m 3117 00218652 HORIZONTAL REW 1000, 0000Hz TWP 3000, 0000Hz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 11419.42</td><td>45.58</td><td>-28.42</td><td>74.00</td><td>55.00</td><td>38.67</td><td>17.59</td><td>66.48</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1 11419.42	45.58	-28.42	74.00	55.00	38.67	17.59	66.48	300	0 Peak	HORIZONTAL	Site : 03C005-K5 Condition : SG BAND 1---3 3m 3117 00218652 VERTICAL REW 1000, 0000Hz TWP 3000, 0000Hz SWT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 11419.42</td><td>44.21</td><td>-29.79</td><td>74.00</td><td>54.43</td><td>38.67</td><td>17.59</td><td>66.48</td><td>300</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg			1 11419.42	44.21	-29.79	74.00	54.43	38.67	17.59	66.48	300	0 Peak	VERTICAL
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg																																																												
1 11419.42	45.58	-28.42	74.00	55.00	38.67	17.59	66.48	300	0 Peak	HORIZONTAL																																																										
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg																																																												
1 11419.42	44.21	-29.79	74.00	54.43	38.67	17.59	66.48	300	0 Peak	VERTICAL																																																										
Avg.																																																																				



WIFI 802.11VHT80 (Harmonic @ 3m)

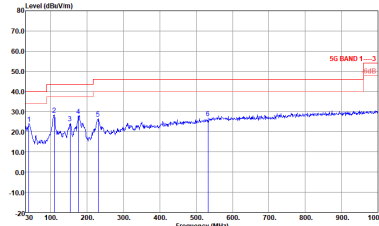
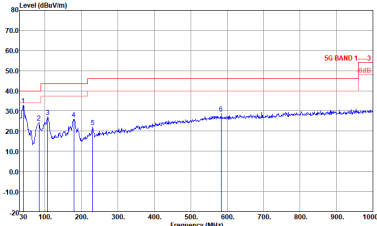
WIFI	UNII 2C Straddle Channel Harmonic @ 3m																																											
ANT	802.11ac80 CH138 5690MHz																																											
1	Horizontal	Vertical																																										
Peak Avg.	Site : 000000-00 Condition : 5G BAND 1-3 3m 3117 00218682 HORIZONTAL REF: 1000.000MHz TWP: 3000.000MHz SWT: Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><td>1</td><td>11379.38</td><td>44.37</td><td>-29.63</td><td>74.00</td><td>54.61</td><td>38.66</td><td>17.58</td><td>66.48</td><td>300</td><td>0 Peak HORIZONTAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	1	11379.38	44.37	-29.63	74.00	54.61	38.66	17.58	66.48	300	0 Peak HORIZONTAL	Site : 000000-00 Condition : 5G BAND 1-3 3m 3117 00218682 VERTICAL REF: 1000.000MHz TWP: 3000.000MHz SWT: Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><td>1</td><td>11379.38</td><td>45.88</td><td>-28.92</td><td>74.00</td><td>55.52</td><td>38.66</td><td>17.58</td><td>66.48</td><td>300</td><td>0 Peak VERTICAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	1	11379.38	45.88	-28.92	74.00	55.52	38.66	17.58	66.48	300	0 Peak VERTICAL
	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																		
1	11379.38	44.37	-29.63	74.00	54.61	38.66	17.58	66.48	300	0 Peak HORIZONTAL																																		
Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																			
1	11379.38	45.88	-28.92	74.00	55.52	38.66	17.58	66.48	300	0 Peak VERTICAL																																		



UNII 2C – Straddle Channel

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF)

WIFI	5GHz WIFI																																																																																																																																																																																																	
ANT	802.11ac VHT80 LF																																																																																																																																																																																																	
1	Horizontal	Vertical																																																																																																																																																																																																
QP / Peak	 Site Condition : 03C305-KS : 5G BAND 1---3 2m CHL6111D SRE2188 HORIZONTAL REF: 100.0000Hz VPM 200.0000Hz SPT 200 <table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>58.70</td><td>24.15</td><td>-15.85</td><td>40.00</td><td>36.11</td><td>19.90</td><td>0.94</td><td>32.80</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>83.35</td><td>28.37</td><td>-11.63</td><td>43.50</td><td>41.69</td><td>17.90</td><td>1.58</td><td>32.88</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>3</td><td>179.38</td><td>26.41</td><td>-13.59</td><td>43.50</td><td>37.69</td><td>17.43</td><td>1.87</td><td>32.82</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>4</td><td>179.47</td><td>27.87</td><td>-11.63</td><td>43.50</td><td>41.95</td><td>16.86</td><td>2.82</td><td>32.96</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>5</td><td>229.82</td><td>26.53</td><td>-13.47</td><td>46.00</td><td>39.27</td><td>18.15</td><td>2.33</td><td>33.18</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>6</td><td>582.46</td><td>26.91</td><td>-13.09</td><td>46.00</td><td>30.65</td><td>25.41</td><td>3.52</td><td>32.67</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr></table>		Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm	deg			1	58.70	24.15	-15.85	40.00	36.11	19.90	0.94	32.80	---	Peak	HORIZONTAL	2	83.35	28.37	-11.63	43.50	41.69	17.90	1.58	32.88	---	Peak	HORIZONTAL	3	179.38	26.41	-13.59	43.50	37.69	17.43	1.87	32.82	---	Peak	HORIZONTAL	4	179.47	27.87	-11.63	43.50	41.95	16.86	2.82	32.96	---	Peak	HORIZONTAL	5	229.82	26.53	-13.47	46.00	39.27	18.15	2.33	33.18	---	Peak	HORIZONTAL	6	582.46	26.91	-13.09	46.00	30.65	25.41	3.52	32.67	---	Peak	HORIZONTAL	 Site Condition : 03C305-KS : 5G BAND 1---3 2m CHL6111D SRE2188 VERTICAL REF: 100.0000Hz VPM 200.0000Hz SPT 200 <table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>58.67</td><td>32.95</td><td>-7.05</td><td>40.00</td><td>45.43</td><td>19.38</td><td>0.96</td><td>32.82</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>83.35</td><td>24.23</td><td>-15.77</td><td>40.00</td><td>41.89</td><td>14.68</td><td>1.38</td><td>32.84</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>3</td><td>187.68</td><td>27.28</td><td>-16.72</td><td>43.50</td><td>40.58</td><td>18.01</td><td>1.57</td><td>32.88</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>4</td><td>179.38</td><td>26.95</td><td>-17.05</td><td>43.50</td><td>40.21</td><td>16.79</td><td>2.83</td><td>32.98</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>5</td><td>230.79</td><td>21.98</td><td>-24.02</td><td>46.00</td><td>34.55</td><td>18.21</td><td>2.32</td><td>33.18</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>6</td><td>582.90</td><td>28.78</td><td>-17.22</td><td>46.00</td><td>31.91</td><td>25.64</td><td>3.68</td><td>32.53</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr></table>		Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm	deg			1	58.67	32.95	-7.05	40.00	45.43	19.38	0.96	32.82	---	Peak	VERTICAL	2	83.35	24.23	-15.77	40.00	41.89	14.68	1.38	32.84	---	Peak	VERTICAL	3	187.68	27.28	-16.72	43.50	40.58	18.01	1.57	32.88	---	Peak	VERTICAL	4	179.38	26.95	-17.05	43.50	40.21	16.79	2.83	32.98	---	Peak	VERTICAL	5	230.79	21.98	-24.02	46.00	34.55	18.21	2.32	33.18	---	Peak	VERTICAL	6	582.90	28.78	-17.22	46.00	31.91	25.64	3.68	32.53	---	Peak	VERTICAL
		Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																																																																																																						
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm	deg																																																																																																																																																																																									
1	58.70	24.15	-15.85	40.00	36.11	19.90	0.94	32.80	---	Peak	HORIZONTAL																																																																																																																																																																																							
2	83.35	28.37	-11.63	43.50	41.69	17.90	1.58	32.88	---	Peak	HORIZONTAL																																																																																																																																																																																							
3	179.38	26.41	-13.59	43.50	37.69	17.43	1.87	32.82	---	Peak	HORIZONTAL																																																																																																																																																																																							
4	179.47	27.87	-11.63	43.50	41.95	16.86	2.82	32.96	---	Peak	HORIZONTAL																																																																																																																																																																																							
5	229.82	26.53	-13.47	46.00	39.27	18.15	2.33	33.18	---	Peak	HORIZONTAL																																																																																																																																																																																							
6	582.46	26.91	-13.09	46.00	30.65	25.41	3.52	32.67	---	Peak	HORIZONTAL																																																																																																																																																																																							
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																																																																																																							
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm	deg																																																																																																																																																																																									
1	58.67	32.95	-7.05	40.00	45.43	19.38	0.96	32.82	---	Peak	VERTICAL																																																																																																																																																																																							
2	83.35	24.23	-15.77	40.00	41.89	14.68	1.38	32.84	---	Peak	VERTICAL																																																																																																																																																																																							
3	187.68	27.28	-16.72	43.50	40.58	18.01	1.57	32.88	---	Peak	VERTICAL																																																																																																																																																																																							
4	179.38	26.95	-17.05	43.50	40.21	16.79	2.83	32.98	---	Peak	VERTICAL																																																																																																																																																																																							
5	230.79	21.98	-24.02	46.00	34.55	18.21	2.32	33.18	---	Peak	VERTICAL																																																																																																																																																																																							
6	582.90	28.78	-17.22	46.00	31.91	25.64	3.68	32.53	---	Peak	VERTICAL																																																																																																																																																																																							



Co-location mode:

2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																	
ANT	BLE CH39 2480MHz																																																																	
1	Horizontal	Fundamental																																																																
Peak	Site Condition : 030905-KS FCC PART 15C 3m 3117 00218652 HORIZONTAL RBW 1000 0000Hz VSW 3000 0000Hz SRT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2483.50</td><td>56.13</td><td>-17.87</td><td>74.00</td><td>51.67</td><td>30.86</td><td>7.86</td><td>34.26</td><td>250</td><td>346 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg			1	2483.50	56.13	-17.87	74.00	51.67	30.86	7.86	34.26	250	346 Peak	HORIZONTAL	Site Condition : 030905-KS FCC PART 15C 3m 3117 00218652 HORIZONTAL RBW 1000 0000Hz VSW 3000 0000Hz SRT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2480.00</td><td>99.76</td><td>25.76</td><td>74.00</td><td>95.30</td><td>30.86</td><td>7.86</td><td>34.26</td><td>250</td><td>346 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg			1	2480.00	99.76	25.76	74.00	95.30	30.86	7.86	34.26	250	346 Peak	HORIZONTAL
	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																								
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Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg																																																											
1	2480.00	99.76	25.76	74.00	95.30	30.86	7.86	34.26	250	346 Peak	HORIZONTAL																																																							
Avg.	Site Condition : 030905-KS FCC PART 15C (AVG) 3m 3117 00218652 HORIZONTAL RBW 1000 0000Hz VSW 3.1000Hz SRT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2483.50</td><td>47.86</td><td>-6.14</td><td>54.00</td><td>43.40</td><td>30.86</td><td>7.86</td><td>34.26</td><td>250</td><td>346 Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg			1	2483.50	47.86	-6.14	54.00	43.40	30.86	7.86	34.26	250	346 Average	HORIZONTAL	Site Condition : 030905-KS FCC PART 15C (AVG) 3m 3117 00218652 HORIZONTAL RBW 1000 0000Hz VSW 3.1000Hz SRT Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2480.00</td><td>98.28</td><td>44.28</td><td>54.00</td><td>93.82</td><td>30.86</td><td>7.86</td><td>34.26</td><td>250</td><td>346 Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg			1	2480.00	98.28	44.28	54.00	93.82	30.86	7.86	34.26	250	346 Average	HORIZONTAL
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BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																													
ANT		BLE CH39 2480MHz																																																													
1	Vertical	Fundamental																																																													
Peak	Site Condition : 030H05-K5 : FCC PART 15C 3m 3117 00218652 VERTICAL : RSM 1000.000MHz VSW 3.000 SMT Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2483.50</td><td>55.87</td><td>-18.13</td><td>74.00</td><td>51.41</td><td>30.86</td><td>7.86</td><td>34.26</td><td>298</td><td>258 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cn	deg	1	2483.50	55.87	-18.13	74.00	51.41	30.86	7.86	34.26	298	258 Peak	VERTICAL	Site Condition : 030H05-K5 : FCC PART 15C 3m 3117 00218652 VERTICAL : RSM 1000.000MHz VSW 3.000 SMT Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2480.00</td><td>98.96</td><td>24.96</td><td>74.00</td><td>94.50</td><td>30.86</td><td>7.86</td><td>34.26</td><td>298</td><td>258 Peak</td><td>VERTICAL</td></tr></table>		Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cn	deg	1	2480.00	98.96	24.96	74.00	94.50	30.86	7.86	34.26	298	258 Peak	VERTICAL
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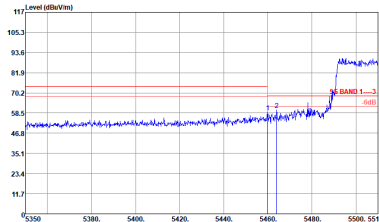
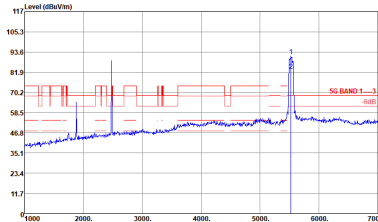
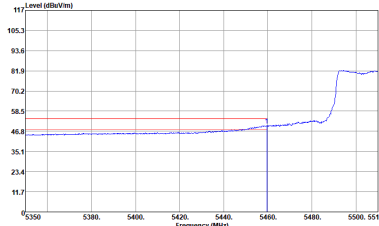


2.4GHz 2400~2483.5MHz
BLE (Harmonic @ 3m)

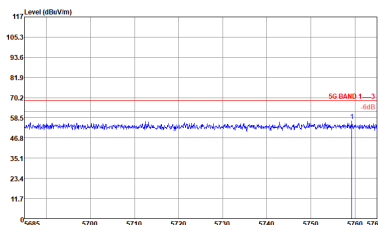
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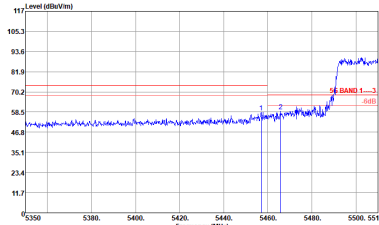
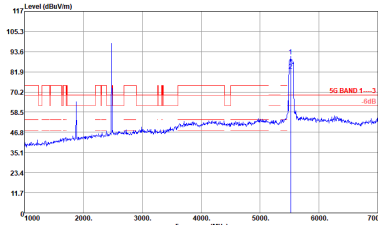
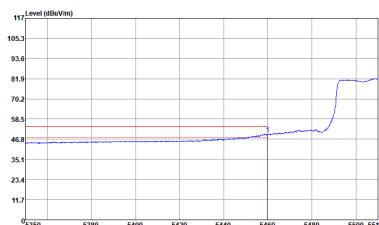
UNII 2C - 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																																																																													
ANT	802.11ac VHT80 CH106 5530MHz - L																																																																																													
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Peak	 Site Condition : 030905-KS : SS BAND 1-----3 3e 3117 00218652 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SMT:Auto <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>5459.92</td><td>58.88</td><td>-15.12</td><td>74.00</td><td>44.88</td><td>35.32</td><td>11.91</td><td>33.23</td><td>100</td><td>294 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5464.08</td><td>60.35</td><td>-7.95</td><td>68.30</td><td>46.31</td><td>35.34</td><td>11.93</td><td>33.23</td><td>100</td><td>294 Peak</td><td>HORIZONTAL</td></tr></tbody></table>		Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	deg		1	5459.92	58.88	-15.12	74.00	44.88	35.32	11.91	33.23	100	294 Peak	HORIZONTAL	2	5464.08	60.35	-7.95	68.30	46.31	35.34	11.93	33.23	100	294 Peak	HORIZONTAL	 Site Condition : 030905-KS : SS BAND 1-----3 3e 3117 00218652 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SMT:Auto <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>5524.00</td><td>91.22</td><td>23.02</td><td>68.30</td><td>76.98</td><td>35.29</td><td>11.97</td><td>33.02</td><td>100</td><td>294 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5524.00</td><td>82.80</td><td>-----</td><td>-----</td><td>68.46</td><td>35.29</td><td>11.97</td><td>33.02</td><td>100</td><td>294 Average</td><td>HORIZONTAL</td></tr></tbody></table>		Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	deg		1	5524.00	91.22	23.02	68.30	76.98	35.29	11.97	33.02	100	294 Peak	HORIZONTAL	2	5524.00	82.80	-----	-----	68.46	35.29	11.97	33.02	100	294 Average	HORIZONTAL
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	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																																																																				
	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	deg																																																																																					
1	5459.60	50.24	-3.76	54.00	36.24	35.32	11.91	33.23	100	294 Average	HORIZONTAL																																																																																			

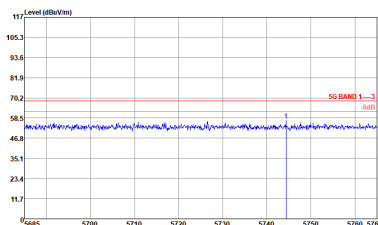


WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																					
ANT	802.11ac VHT80 CH106 5530MHz - R																																					
1	Horizontal	Fundamental																																				
Peak	 Site Condition : 030905-KS : 5G BAND 1 ---3 2w 1117 00718602 H0R120MTAL : RSM:1000.000KHz VBR:3000.000KHz SWT:Auto <table><tr><th>Item</th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poa</th><th>T/Poa</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th></th><th></th></tr><tr><td>1</td><td>5759.32</td><td>56.84</td><td>-11.46</td><td>68.30</td><td>41.91</td><td>35.72</td><td>12.18</td><td>32.97</td><td>100</td><td>294 Peak</td><td>H0R120MT</td></tr></table>	Item	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Poa	T/Poa	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	dB			1	5759.32	56.84	-11.46	68.30	41.91	35.72	12.18	32.97	100	294 Peak	H0R120MT	Left blank
Item	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Poa	T/Poa	Remark	Pol/Phas																											
	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	dB																													
1	5759.32	56.84	-11.46	68.30	41.91	35.72	12.18	32.97	100	294 Peak	H0R120MT																											



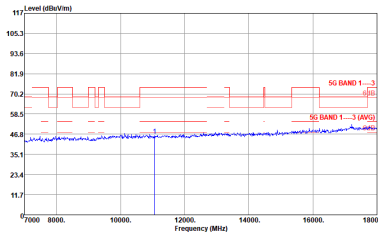
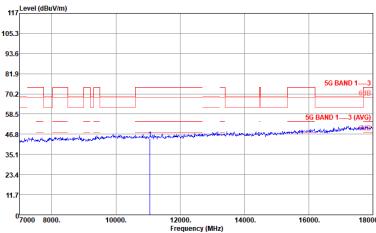
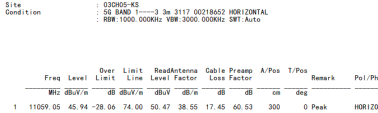
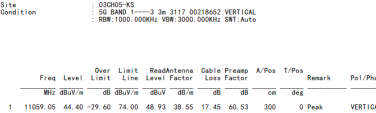
WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																																																																													
ANT	802.11ac VHT80 CH106 5530MHz - L																																																																																													
1	Vertical	Fundamental																																																																																												
Peak	 Site Condition : 030605-KS : 5G BAND 1---3 3m 3117 00218652 VERTICAL : RBW:1000.000KHz VSW:3000.000KHz SWT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5471.04</td><td>58.45</td><td>-15.55</td><td>74.00</td><td>44.45</td><td>35.32</td><td>11.91</td><td>33.23</td><td>295</td><td>262 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5460.84</td><td>58.93</td><td>-9.37</td><td>68.30</td><td>44.89</td><td>35.34</td><td>11.93</td><td>33.23</td><td>295</td><td>262 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1	5471.04	58.45	-15.55	74.00	44.45	35.32	11.91	33.23	295	262 Peak	VERTICAL	2	5460.84	58.93	-9.37	68.30	44.89	35.34	11.93	33.23	295	262 Peak	VERTICAL	 Site Condition : 030605-KS : 5G BAND 1---3 3m 3117 00218652 VERTICAL : RBW:1000.000KHz VSW:3000.000KHz SWT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5518.00</td><td>90.79</td><td>22.49</td><td>68.30</td><td>76.45</td><td>35.39</td><td>11.97</td><td>33.02</td><td>295</td><td>262 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5518.00</td><td>82.44</td><td>-----</td><td>68.10</td><td>35.39</td><td>11.97</td><td>33.02</td><td>295</td><td>262 Average</td><td>VERTICAL</td><td></td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1	5518.00	90.79	22.49	68.30	76.45	35.39	11.97	33.02	295	262 Peak	VERTICAL	2	5518.00	82.44	-----	68.10	35.39	11.97	33.02	295	262 Average	VERTICAL	
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																			
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1	5471.04	58.45	-15.55	74.00	44.45	35.32	11.91	33.23	295	262 Peak	VERTICAL																																																																																			
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2	5518.00	82.44	-----	68.10	35.39	11.97	33.02	295	262 Average	VERTICAL																																																																																				
Avg.	 Site Condition : 030605-KS : 5G BAND 1---3 (AVG) 3m 3117 00218652 VERTICAL : RBW:1000.000KHz VSW:2.200KHz SWT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>5460.00</td><td>49.82</td><td>-4.18</td><td>54.00</td><td>35.82</td><td>35.32</td><td>11.91</td><td>33.23</td><td>295</td><td>262 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1	5460.00	49.82	-4.18	54.00	35.82	35.32	11.91	33.23	295	262 Average	VERTICAL	Left blank																																																										
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																				
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1	5460.00	49.82	-4.18	54.00	35.82	35.32	11.91	33.23	295	262 Average	VERTICAL																																																																																			



WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m																																									
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1	Vertical	Fundamental																																								
Peak	 Site Condition 030905-KS 5G BAND 1---3 2m 5117 00018602 VERT:CAL RBR:1000.000KHz VBR:3000.000KHz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poa</th><th>T/Poa</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Level</th><th>Level</th><th>Level</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5744.36</td><td>56.88</td><td>-11.42</td><td>68.30</td><td>42.01</td><td>35.68</td><td>12.16</td><td>32.97</td><td>295</td><td>262</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Poa	T/Poa	Remark	Pol/Phas	Freq	Level	Level	Level	Level	Loss	Factor			MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	1	5744.36	56.88	-11.42	68.30	42.01	35.68	12.16	32.97	295	262	Peak	VERTICAL	Left blank
Over	Limit	ReadAntenna	Cable	Preamp	A/Poa	T/Poa	Remark	Pol/Phas																																		
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UNII 2C - 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m																																																																			
ANT	802.11ac VHT80 CH106 5530MHz																																																																			
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Peak Avg.	 Site Condition : 03D005-KS : SG BAND 1-----3 3e 3117 00218652 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SRT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 11059.05</td><td>45.94</td><td>-28.06</td><td>74.00</td><td>50.47</td><td>38.55</td><td>17.45</td><td>60.53</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm	deg			1 11059.05	45.94	-28.06	74.00	50.47	38.55	17.45	60.53	300	0 Peak	HORIZONTAL	 Site Condition : 03D005-KS : SG BAND 1-----3 3e 3117 00218652 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SRT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 11059.05</td><td>44.40</td><td>-29.60</td><td>74.00</td><td>48.93</td><td>38.55</td><td>17.45</td><td>60.53</td><td>300</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm	deg			1 11059.05	44.40	-29.60	74.00	48.93	38.55	17.45	60.53	300	0 Peak	VERTICAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase																																																									
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	 Site Condition : 03D005-KS : SG BAND 1-----3 3e 3117 00218652 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SRT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 11059.05</td><td>45.94</td><td>-28.06</td><td>74.00</td><td>50.47</td><td>38.55</td><td>17.45</td><td>60.53</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm	deg			1 11059.05	45.94	-28.06	74.00	50.47	38.55	17.45	60.53	300	0 Peak	HORIZONTAL	 Site Condition : 03D005-KS : SG BAND 1-----3 3e 3117 00218652 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SRT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 11059.05</td><td>44.40</td><td>-29.60</td><td>74.00</td><td>48.93</td><td>38.55</td><td>17.45</td><td>60.53</td><td>300</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm	deg			1 11059.05	44.40	-29.60	74.00	48.93	38.55	17.45	60.53	300	0 Peak	VERTICAL
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase																																																										
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